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# HOURLY READINGS

OBTAINED FROM THE SELF-RECORDING INSTRUMENTS

AT

## FOUR OBSERVATORIES IN CONNEXION WITH THE METEOROLOGICAL OFFICE,

## 1908.

*FORTIETH YEAR; NEW SERIES. VOLUME IX.*

FORMING PART IV. OF THE BRITISH METEOROLOGICAL YEAR BOOK FOR 1908.

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# PREFACE.

The present is the ninth volume of the new series of Hourly Readings of the records of self-registering instruments at the first-order stations of the Meteorological Office, and as is shown by the following summary it is the fortieth volume which has been issued by the Office giving either the records *in extenso* or the hourly five-day means derived from them.

For the years 1869 to 1880, *The Quarterly Weather Report* gave mean values of pressure and temperature for periods of five days, and for the calendar months and year; together with reproductions on a reduced scale of the continuous records yielded by each of the self-recording instruments.

For the years 1881–1886, *Hourly Readings* gave hourly measurements printed *in extenso* of pressure, temperature, wind, and rainfall, and of vapour tension calculated from the dry and wet-bulb readings; with five-day means of pressure and temperature, and monthly means of pressure, temperature and vapour tension, and totals of rainfall.

For the years 1887–1899, *Hourly Means* contained mean hourly values for each five-day period, and for the calendar months and year, for pressure, temperature, wind, rainfall, and bright sunshine. In the last three volumes of the series the hourly readings of pressure, temperature, and rainfall for Kew and for Valencia were added.

The present series began with the year 1900, and gives the Hourly Readings for Valencia, Aberdeen, Falmouth, and Kew, and also mean values or totals for the hours, days, and months, and the extremes of pressure and temperature for every day. Corresponding mean values for the longest period available are also given for purposes of comparison.

In the volume for 1907 the table of wet bulb readings was omitted, and in its place a table (VII.) was added, giving the relative humidity values for each hour, calculated from the dry and wet bulb readings, and this arrangement has been continued in the present volume. Mean values of relative humidity for the twenty years, 1886-1905, are given at the foot of each monthly table for comparative purposes, and in the Appendix the corresponding values are given for the year.

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The following scheme of publication of data for all the stations in the British Isles which report to the Meteorological Office was inaugurated with the present issue :—

The serial statistical publications of the Office have been grouped together under the title "The British Meteorological Year Book."

For the Year 1908 the parts of the Year Book are as follows—

Part I. The Weekly Weather Report with three Appendices and a special supplement. Issued on Thursday of each week. Price 6*d.* per number. Annual subscription (which includes the Monthly Weather Report) 30*s.*, postage paid.

Part II. The Monthly Weather Report, with an Annual Summary. Issued as a supplement to the Weekly Weather Report on the 27th day of each month. Price 6*d.* per number.

Part III. Daily observations at stations of the Second Order and at Anemograph Stations. Issued in monthly parts within about six weeks of the close of each month. Price 2*s.* each part. For daily observations at other stations reference may be made to the Daily Weather Report issued at 1.30 p.m. on week days. The Report contains information from about 60 stations in the British Isles and 60 Foreign Stations.

Part IV. Hourly Readings obtained from self-recording instruments at four Observatories in connexion with the Meteorological Office. Issued in monthly parts for each Observatory within about six weeks of the end of each month. Price 6*d.* each part.

W. N. SHAW,
Director.

Meteorological Office, London, S.W.
8 March, 1909.

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# INTRODUCTION TO THE TABLES OF HOURLY READINGS.

The elements dealt with in the following tables are—

*a*. Barometrical pressure.
*b*. Temperature of the air.
*c*. Humidity.
*d*. Velocity and direction of the wind.
*e*. Rainfall.
*f*. Sunshine.

Hourly values obtained from the records made by self-registering instruments are given for each of these elements; and in addition, there are given means—or for Rainfall and Sunshine, totals—obtained from the hourly values for every day of the year; and hourly means—or totals—for each calendar month and for the whole year.

POSITION.—The observations were made at the following Observatories:—

| | Latitude. | Longitude. |
|---|---|---|
| Valencia ... ... ... | 51° 56′ N. | 10° 15′ W. |
| Aberdeen ... ... ... | 57° 10′ N. | 2° 6′ W. |
| Falmouth ... ... ... | 50° 9′ N. | 5° 4′ W. |
| Kew ... ... ... ... | 51° 28′ N. | 0° 19′ W. |

TIME.—At each Observatory the observations are referred to Greenwich Mean Time, except as regards sunshine, for which element local apparent time is used.

INSTRUMENTS.—A detailed description of the instruments used for obtaining the records is given in the Reports of the Meteorological Office for the years 1867 and 1869, but as those Reports may not now be readily accessible to everyone desiring to make use of this series of observations, it may be well to give here the following brief description of the instruments employed.

BAROMETER.—The record of barometric pressure is obtained photographically from a mercurial barometer.

A beam of light is passed through the space between the surface of the column of mercury and the top of the tube, and is focussed upon a sheet of sensitized paper carried upon a cylinder which is rotated by a clock. The *barogram* is therefore a photograph of this space, its depth constantly varying with the rise or fall of the mercury in the tube of the barometer.

The effect of temperature upon the height of the barometric column is compensated for by a mechanical arrangement at the top of the tube, by which the beam of light is lengthened at its upper end to the same extent as it has become shortened at its lower extremity by the expansion of the mercury in the tube. A time-scale is recorded upon the barogram by the clock cutting off the light for the space of four minutes every two hours, leaving narrow white spaces on the record corresponding to known points of time.

Every day a number of control readings of a standard barometer are taken to which the corresponding readings of the barogram are referred, and from this comparison a correction to the measurements of the curve is obtained, if required.

The scale-value of the barograms was found for each Observatory from a comparison of a long series of such standard and curve readings. The indications of a curve are converted into numerical values by measuring with a tabulating instrument, which can be read to ·001 inch, the ordinates at the points corresponding to two minutes after each hour, and converting the result into equivalent values of barometric pressure by means of the ascertained scale-value.

THERMOMETERS.—The *thermograms* are also obtained photographically from a mercurial thermometer.

The thermometer has a large cylindrical bulb four inches long, and also a very long stem. The column of mercury in the stem is broken at a convenient point by a small air-space, which moves up or down the stem with rise or fall of temperature. The bulb of the thermometer is exposed in a large louvred screen attached to the wall of the Observatory, and the long stem is bent twice at right angles so that whilst the portion of it containing the air-speck is brought into the room in which the photographic record is obtained, the bulb itself is in the open air and at least two feet from the wall of the room. Two such thermometers are placed in the screen, one of them being used as a dry bulb and the other as a wet bulb.

Two standard thermometers, with bulbs similar to those of the thermograph, and having scale-values as nearly as possible alike, are also placed side by side in the screen, and a number of control readings are made from them every day for comparison with the corresponding readings obtained from the thermograms.

The record is obtained by passing a reflected beam of light through the air-space and photographing its image upon a moving sheet of sensitized paper, as in the case of the barometer.

The time-scale of the thermograms is made upon the curves by the clock cutting off the light for four minutes every two hours ; and the scale-value of the curve is found by a comparison of readings of the standard thermometers with the corresponding measurements of the curves.

The curves are measured by means of a plate of glass ruled with lines corresponding to the ascertained scale-value of the record both for degrees and for time, and this plate being laid upon the trace the numerical equivalent of any part of the curve can be at once found.*

WIND.—*Velocity and Direction.*—The records of these elements are obtained by means of a Robinson cup-anemometer, with which a Beckley windmill-vane has been combined for giving the record of direction.

*Velocity.*—The diameter of the cups for obtaining the velocity of the wind is 9 inches and the length of the arms upon which they are carried 2 feet, so that the horizontal travel of a cup-centre when 7,000 revolutions of the cups have been made is, in round numbers, 88,000 feet.

The revolutions of the cups are reduced by a suitable gearing of wheels so that this number of turns shall produce one complete turn of a spiral pencil, which makes a mark upon a sheet of metallic paper carried upon a clock-driven cylinder ; the pencil

* A more detailed account of the thermograph and a discussion of some points connected with its records will be found in the preface to "Temperature Tables for the British Islands" (M.O., Official No. 154, 1902).



is so arranged that when the trace passes one extreme of the scale it recommences at the other.

Dr. Robinson concluded as the result of a series of experiments made by him that the rate of movement of the cup-centres was one-third of the horizontal movement of the wind current by which the cups were turned ; and as the instruments were constructed in accordance with this conclusion, the 7,000 turns of the cups mentioned above were regarded as indicating the passage of 50 miles of wind.

More recent investigations into the relation between the speed of the wind and the rate of movement of the cups have led to the conclusion that Dr. Robinson's factor, 3, is too large for anemometers of the dimensions indicated above, and that it should probably be about 2·2.

The larger factor, 3, was however employed in deducing the wind velocities published in the preceding volumes of this series up to that for 1904 ; but it was decided to substitute for it, from the beginning of the year 1905, the factor 2·2, which it is believed yields values approximating closely to the true velocity of the wind.*

If it is desired to compare the wind velocities given in the volumes previous to 1905 with those of the present year it will be necessary to reduce the former by four-fifteenths, which may be readily done by means of the following table.

TABLE for the CONVERSION OF FACTOR 3 VELOCITIES into corresponding VELOCITIES using FACTOR 2·2.

| 3·0 | 2·2 | 3·0 | 2·2 | 3·0 | 2·2 | 3·0 | 2·2 | 3·0 | 2·2 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0·7 | 21 | 15 | 41 | 30 | 61 | 45 | 81 | 59 |
| 2 | 1·5 | 22 | 16 | 42 | 31 | 62 | 45 | 82 | 60 |
| 3 | 2 | 23 | 17 | 43 | 32 | 63 | 46 | 83 | 61 |
| 4 | 3 | 24 | 18 | 44 | 32 | 64 | 47 | 84 | 62 |
| 5 | 4 | 25 | 18 | 45 | 33 | 65 | 48 | 85 | 62 |
| 6 | 4 | 26 | 19 | 46 | 34 | 66 | 48 | 86 | 63 |
| 7 | 5 | 27 | 20 | 47 | 34 | 67 | 49 | 87 | 64 |
| 8 | 6 | 28 | 21 | 48 | 35 | 68 | 50 | 88 | 65 |
| 9 | 7 | 29 | 21 | 49 | 36 | 69 | 51 | 89 | 65 |
| 10 | 7 | 30 | 22 | 50 | 37 | 70 | 51 | 90 | 66 |
| 11 | 8 | 31 | 23 | 51 | 37 | 71 | 52 | 91 | 67 |
| 12 | 9 | 32 | 23 | 52 | 38 | 72 | 53 | 92 | 67 |
| 13 | 10 | 33 | 24 | 53 | 39 | 73 | 54 | 93 | 68 |
| 14 | 10 | 34 | 25 | 54 | 40 | 74 | 54 | 94 | 69 |
| 15 | 11 | 35 | 26 | 55 | 40 | 75 | 55 | 95 | 70 |
| 16 | 12 | 36 | 26 | 56 | 41 | 76 | 56 | 96 | 70 |
| 17 | 12 | 37 | 27 | 57 | 42 | 77 | 56 | 97 | 71 |
| 18 | 13 | 38 | 28 | 58 | 43 | 78 | 57 | 98 | 72 |
| 19 | 14 | 39 | 29 | 59 | 43 | 79 | 58 | 99 | 73 |
| 20 | 15 | 40 | 29 | 60 | 44 | 80 | 59 | 100 | 73 |

The observations have been given as recorded, no correction having been made for the effect of friction, which is probably of no importance except in the case of light winds, when it is doubtless different in the case of each instrument.

*Direction.*—The direction of the wind is recorded by a similar pencil to that used for the velocity record, and it has the great advantage that the record is never lost by the pencil running off the paper.

Owing to the weight of some of its moving parts, the windmill-vane is undoubtedly sluggish in light airs, rendering its records under these conditions untrustworthy.

* *See* The Beaufort Scale of Wind Force, M.O. Publication, No. 180, 1906.

All wind directions have, therefore, been omitted from the tables when the velocity was less than 4 miles per hour.

Rainfall.—This element is recorded by a Beckley self-registering rain-gauge, in which the rain as it falls is collected in a receiver supported by a float in a vessel of mercury. As the rain enters the receiver the float sinks, carrying with it a pen which records the rate of its descent upon a paper stretched upon a clock-driven cylinder ; the displacement of the mercury by the float is arranged so as to give an uniform scale throughout. When two-tenths of an inch of rain have entered the receiver a siphon comes into action, and by discharging its contents causes the float to rise till the pen is brought back to the zero line, from which the record begins again.

Sunshine.—The record of sunshine is obtained from a Campbell-Stokes recorder, in which instrument the sun's rays are focussed through a four-inch spherical lens of crown glass upon a strip of blue card, which is scorched, or burned right through, according to the intensity of the sun's rays. The cards are exposed in a metal bowl, and the focussed image of the sun leaves its mark behind it as it travels along the surface of the card with the motion of the sun through the heavens. The intensity of the burn is not measured, but the record is regarded as that of "bright" sunshine whenever the card has been distinctly scorched.

The Tables.—The following notes respecting the tables and the records themselves may probably be found useful.

All the tables supply, in addition to the hourly readings, mean values or totals for each hour and for the day ; and for purposes of comparison mean values have been added at the foot of the tables for the longest period available.

The tables of pressure, temperature, and relative humidity also give readings and mean values both for the initial and final midnights, and these readings have been used for obtaining the mean values for the days.

It has been assumed that the mean value for any hour is the mean between the values at the commencement and end of that hour. The mean for the periods of 24 hours has been found by adding half the sum of the initial and final midnights to the sum of the 23 intermediate hourly values, and dividing by 24.

In computing the hourly variations from the mean of the day, it should be assumed that the difference of value between the means for the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-periodic variation, is equally distributed over the whole period.

Calling this difference $d$, to be affected by a positive sign if the final value be the greater, and *vice versâ*, the corrections for the several hours to eliminate the effect of these non-periodic fluctuations, will be—

| Midt. | A.M. | | | | Noon. | | | | P.M. | | Midt. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| for 0 hrs. | 1, | 2, | ... | ... | 12, | ... | ... | ... | 22, | 23, | 24. |
| $\frac{12}{24}d$, | $\frac{11}{24}d$, | $\frac{10}{24}d$, | ... | ... | 0 | ... | ... | ... | $\frac{10}{24}d$, | $\frac{11}{24}d$, | $\frac{12}{24}d$. |

the numerical correction being added for the hours before noon and subtracted for the hours after noon.

Table I.—(*Extremes of Pressure and Temperature*).—Gives the daily extremes of pressure and of temperature for each day of the month, the extremes for the entire month being indicated by the use of Egyptian type.



Table II.—(*Pressure*).—Gives the hourly readings of pressure in English inches as measured from the barograms at points corresponding to two minutes *after* each hour. The readings are reduced to 32° Fahrenheit, but they are not corrected for the height of the station above the mean sea level, nor for the influence of gravity.

The height of the barometer above mean sea level is given under the general heading of each monthly set of tables, and the corrections required for the reduction of the readings both for height above the sea and for gravity are as follows :—

Table of Corrections for Reducing Barometer Means for the Four Observatories to Mean Sea Level ; and for the effect of Gravity to Latitude 45°.

The readings have already been reduced to 32° Fahrenheit. (Both corrections are additive.)

| Observatory, and Height of Barometer Cistern above Mean Sea Level. | Approximate Sea-Level Pressure. | Temperature of the Outside Air (Dry-bulb). | | | | | | | | | | Gravity. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0°. | 10°. | 20°. | 30°. | 40°. | 50°. | 60°. | 70°. | 80°. | 90°. | Latitude. | Correction. |
| | Ins. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | in. |
| | 28·0 | ·052 | ·050 | ·049 | ·048 | ·047 | ·046 | ·045 | ·044 | ·043 | ·043 | | ·018 |
| Valencia, 45 feet. | 29·0 | ·053 | ·052 | ·051 | ·050 | ·049 | ·048 | ·047 | ·046 | ·045 | ·044 | 51° 56′ N. | ·018 |
| | 30·0 | ·055 | ·054 | ·053 | ·052 | ·051 | ·050 | ·049 | ·048 | ·047 | ·046 | | ·019 |
| | 28·0 | ·101 | ·098 | ·096 | ·094 | ·092 | ·090 | ·088 | ·086 | ·085 | ·083 | | ·030 |
| Aberdeen, 88 feet. | 29·0 | ·104 | ·102 | ·100 | ·098 | ·096 | ·094 | ·092 | ·090 | ·088 | ·086 | 57° 10′ N. | ·031 |
| | 30·0 | ·108 | ·105 | ·103 | ·101 | ·099 | ·097 | ·095 | ·093 | ·091 | ·089 | | ·032 |
| | 28·0 | ·210 | ·205 | ·200 | ·196 | ·192 | ·188 | ·184 | ·180 | ·176 | ·173 | | ·013 |
| Falmouth, 183 feet. | 29·0 | ·218 | ·212 | ·207 | ·203 | ·199 | ·195 | ·191 | ·186 | ·182 | ·179 | 50° 9′ N. | ·013 |
| | 30·0 | ·226 | ·220 | ·214 | ·209 | ·205 | ·201 | ·197 | ·192 | ·188 | ·185 | | ·013 |
| | 28·0 | ·039 | ·038 | ·037 | ·036 | ·035 | ·035 | ·034 | ·033 | ·033 | ·032 | | ·0161 |
| Kew, 34 feet. | 29·0 | ·040 | ·039 | ·038 | ·038 | ·037 | ·036 | ·035 | ·035 | ·034 | ·033 | 51° 28′ N. | ·017 |
| | 30·0 | ·042 | ·041 | ·040 | ·039 | ·038 | ·037 | ·036 | ·036 | ·035 | 034 | | ·017 |

The mean pressure is given for each hour of the day ; for each day ; and for the month ; and at the foot of the table the mean hourly pressure for the thirty-five years 1871—1905 is also added.

Table III.—(*Wind*).—Gives the direction and velocity of the wind as recorded by the anemometer at each hour throughout the month ; and also the mean hourly velocity of the wind for each hour ; for each day ; and for the entire month. The mean hourly velocity for the twenty-five years, 1881—1905, is given at the foot of the table.

The wind direction is given for each hour in numbers to thirty-two points, but no direction is given for light airs, the velocity of which is less than four miles per hour. The wind direction is that recorded by the anemometer at the exact hour, and the bearings are "true."

The hourly velocity is the travel of the cups recorded by the anemometer in the sixty minutes from half an hour before to half an hour after the hour, reduced to miles per hour by multiplication by the factor 2·2.

TABLE IV.—(*Rain*).—Exhibits the hourly frequency and amount of rainfall for each day, and also gives the monthly fall at each hour of the day and for the month. Amounts of snowfall, or more rarely of rain which fell at a time when the clock was not going, are necessarily omitted from the hourly columns, but are included in the daily totals of precipitation.

The average monthly fall at each hour and for the month during the thirty-five years 1871—1905 is given at the foot of the table.

The amounts are given in hundredths of an inch, and the hourly falls are the amounts registered as having fallen in the sixty minutes from half-an-hour before to half-an-hour after each hour.*

The heights of the gauges above the ground and above sea level are given under the heading of each set of tables.

TABLE V.—(*Sunshine*).—Shows for each hour of local apparent time from sunrise to sunset, and for each day of the month, the duration of bright sunshine, and also the total amount recorded at each hour during the whole month. The mean monthly total of sunshine at each hour recorded during the twenty-five years, 1881—1905, is given at the foot of the table.

The hourly amounts of sunshine are the amounts registered during the sixty minutes from half an hour before to half an hour after each hour.

The following table gives the total number of hours during which the sun is above the horizon at each of the four Observatories :—

TOTAL NUMBER of HOURS during which the SUN is ABOVE the HORIZON.

| MONTHS. | VALENCIA. | ABERDEEN. | FALMOUTH. | KEW. |
|---|---|---|---|---|
| | Hours. | Hours. | Hours. | Hours |
| January ... ... ... ... ... | 257 | 229 | 265 | 259 |
| February { 28 days ... ... ... | 277 | 264 | 280 | 278 |
| February { 29 days ... ... ... | 287 | 273 | 290 | 288 |
| March ... ... ... ... ... | 367 | 365 | 367 | 367 |
| April ... ... ... ... ... | 415 | 427 | 412 | 414 |
| May ... ... ... ... ... | 483 | 510 | 476 | 482 |
| June ... ... ... ... ... | 497 | 532 | 487 | 494 |
| July ... ... ... ... ... | 498 | 530 | 490 | 496 |
| August ... ... ... ... ... | 450 | 467 | 445 | 448 |
| September ... ... ... ... | 377 | 381 | 376 | 377 |
| October ... ... ... ... ... | 328 | 318 | 331 | 329 |
| November ... ... ... ... | 263 | 240 | 269 | 265 |
| December ... ... ... ... | 241 | 207 | 250 | 242 |
| Year ... ... ... ... ... | 4,453 | 4,470 | 4,448 | 4,451 |
| Leap Year ... ... ... ... | 4,463 | 4,479 | 4,458 | 4,461 |

*NOTE.—In the volumes for 1903 *et ante* the hourly falls were the amounts of rain recorded during the sixty minutes preceding the hour to which they were entered.



This table also contains a column of Remarks in which a summary of the weather for each day is given, the international weather symbols and the letters of the Beaufort Scale being used as far as possible.

These symbols and letters are as follows :—

BEAUFORT SCALE AND INTERNATIONAL WEATHER SYMBOLS.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| b. | | blue sky. | w | ⊔ | dew. | h. | ▲ hail. |
| c. | | clouds (detached). | x. | ⊥ | hoar frost. | | △ soft hail. |
| o. | | overcast. | | ⊀ | ice crystals. | t. | T thunder. |
| g. | | gloomy, dull appearance. | | V | rime. | l. | ≺ lightning. |
| u. | | ugly, threatening appearance. | | ~ | glazed frost. | | ⊼ thunderstorm. |
| v. | | visibility, unusually clear atmosphere. | e. | | water deposited copiously on exposed surfaces, without rain falling. | | gale. |
| z. | ∞ | haze. | p. | | passing showers. | q. | squally. |
| m. | ≋° | mist, light fog. | d. | | drizzling rain. | | ⊙ solar corona. |
| f. | ≋ | fog. | r. | • | rain. | | ⊕ solar halo. |
| fe. | ≋: | wet fog, *i.e.*, fog which deposits water copiously on exposed surfaces. | s. | * | snow. | | ⋓ lunar corona. |
| | | | | ⊹ | snow drift. | | ⊍ lunar halo. |
| | | | | ⊠ | snow lying (more than half the surrounding country covered with snow). | | ⌒ rainbow. |
| | | | | | | | ⋔ aurora. |
| | | | | | | | zodiacal light. |

A bar (—) under a letter indicates persistency, and a dot (.) intensity. The figure ° attached to a symbol indicates very slight, whilst the figure ² indicates strong or heavy : thus •° = slight rain, •² = heavy rain.

TABLE VI.—(*Temperature*).—This table gives the temperature by the dry bulb thermometer. The readings are measurements of the thermograms in degrees Fahrenheit made at points two minutes *before* each hour, corrected for any instrumental errors, but not for height above ground. These heights are given under the heading of each monthly set of tables.

Mean hourly and daily values are given for each month, and at the foot of the table the corresponding mean values for the thirty-five years 1871—1905 are also given.

TABLE VII.—(*Relative Humidity*).—This table exhibits the relative humidity of the air for every hour deduced from the readings of the dry and wet bulb thermometers, complete saturation being taken as 100. Mean hourly values obtained from the observations for the twenty years, 1886-1905, are given at the foot of each monthly table, and the corresponding means for the year are given in the Appendix.

In all cases before the means were calculated from the various hourly measurements, all breaks in the readings were filled by interpolations from the best data available. Such breaks are rare, but occur at times from failure of the photography or from stoppage of the clock, but the temperature of the wet bulb is that most frequently lost, owing to frost. Such losses can, however, usually be made good with a very near approach to accuracy.

In the tables of hourly readings, all interpolated readings have been printed in italic type.

An Appendix has been added to the volume giving for each Observatory a table showing the mean hourly values for the year for each of the elements named above. Below these is given in italic type the corresponding values obtained from the longest series of observations available.

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. JANUARY, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. JANUARY, 1908.

| Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·128 | 9·833 | 37·7 | 34·1 | 9 | 0·221 | 9·828 | 36·9 | 31·8 | 17 | 0·112 | 9·524 | 51·9 | 45·2 | 25 | 0·328 | 0·225 | 49·7 | 42·6 |
| 2 | 0·232 | 0·125 | 38·8 | 34·5 | 10 | 0·392 | 0·221 | 37·3 | 26·8 | 18 | 0·276 | 0·112 | 46·0 | 37·4 | 26 | 0·314 | 0·052 | 51·9 | 47·5 |
| 3 | 0·244 | 0·193 | 34·8 | 28·6 | 11 | 0·389 | 0·097 | 42·2 | 35·6 | 19 | 0·382 | 0·084 | 46·8 | 36·0 | 27 | 0·087 | 0·011 | 51·7 | 46·7 |
| 4 | 0·273 | 0·200 | 35·7 | **24·2** | 12 | 0·095 | 9·736 | 47·3 | 38·8 | 20 | **0·451** | 0·363 | 44·0 | 31·9 | 28 | 0·021 | 9·624 | 47·0 | 37·7 |
| 5 | 0·268 | 0·007 | 49·5 | 31·4 | 13 | 9·939 | 9·728 | 49·5 | 47·3 | 21 | 0·363 | 0·145 | 46·9 | 42·6 | 29 | 0·412 | 9·935 | 44·3 | 38·7 |
| 6 | 0·007 | 9·610 | 51·3 | 49·1 | 14 | 9·932 | 9·825 | 50·4 | 46·5 | 22 | 0·152 | 9·951 | 50·4 | 44·6 | 30 | 0·407 | 0·159 | 48·9 | 37·6 |
| 7 | 9·610 | **9·265** | 50·6 | 36·7 | 15 | 9·875 | 9·615 | 51·0 | 43·7 | 23 | 0·212 | 9·974 | 50·8 | 45·0 | 31 | 0·237 | 0·061 | 49·8 | 45·0 |
| 8 | 9·828 | 9·554 | 45·8 | 35·7 | 16 | 9·696 | 9·621 | **52·3** | 50·9 | 24 | 0·246 | 0·157 | 50·9 | 43·9 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 46·5 | 39·3 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. JANUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·833 | 9·842 | 9·856 | 9·877 | 9·897 | 9·906 | 9·910 | 9·934 | 9·951 | 9·962 | 9·987 | 0·018 | 0·021 | 0·006 | 0·014 | 0·009 | 0·017 | 0·046 | 0·063 | 0·079 | 0·086 | 0·098 | 0·111 | 0·115 | 0·125 | 9·991 |
| 2 | 0·125 | 0·153 | 0·158 | 0·164 | 0·161 | 0·170 | 0·175 | 0·181 | 0·189 | 0·208 | 0·220 | 0·217 | 0·221 | 0·224 | 0·207 | 0·203 | 0·210 | 0·218 | 0·222 | 0·219 | 0·227 | 0·223 | 0·224 | 0·218 | 0·229 | 0·200 |
| 3 | 0·229 | 0·225 | 0·219 | 0·212 | 0·199 | 0·194 | 0·198 | 0·209 | 0·214 | 0·227 | 0·241 | 0·244 | 0·235 | 0·220 | 0·209 | 0·201 | 0·199 | 0·206 | 0·209 | 0·222 | 0·224 | 0·225 | 0·225 | 0·219 | 0·225 | 0·217 |
| 4 | 0·225 | 0·225 | 0·220 | 0·225 | 0·225 | 0·224 | 0·228 | 0·235 | 0·234 | 0·246 | 0·259 | 0·267 | 0·258 | 0·236 | 0·205 | 0·212 | 0·232 | 0·241 | 0·240 | 0·223 | 0·217 | 0·273 | 0·261 | 0·247 | 0·268 | 0·237 |
| 5 | 0·268 | 0·261 | 0·248 | 0·253 | 0·247 | 0·237 | 0·229 | 0·233 | 0·233 | 0·241 | 0·247 | 0·247 | 0·224 | 0·212 | 0·173 | 0·150 | 0·131 | 0·107 | 0·094 | 0·084 | 0·059 | 0·039 | 0·041 | 0·027 | 0·007 | 0·173 |
| 6 | 0·007 | 9·994 | 9·977 | 9·971 | 9·967 | 9·946 | 9·928 | 9·931 | 9·939 | 9·941 | 9·952 | 9·952 | 9·938 | 9·923 | 9·896 | 9·887 | 9·874 | 9·862 | 9·834 | 9·803 | 9·778 | 9·733 | 9·693 | 9·652 | 9·610 | 9·883 |
| 7 | 9·610 | 0·571 | 9·532 | 9·507 | 9·472 | 9·418 | 9·373 | 9·338 | 9·315 | 9·289 | 9·269 | 9·279 | 9·295 | 9·323 | 9·357 | 9·409 | 9·461 | 9·497 | 9·513 | 9·520 | 9·532 | 9·534 | 9·550 | 9·552 | 9·561 | 9·437 |
| 8 | 9·561 | 9·566 | 9·570 | 9·571 | 9·563 | 9·562 | 9·579 | 9·604 | 9·598 | 9·604 | 9·608 | 9·624 | 9·654 | 9·651 | 9·661 | 9·680 | 9·695 | 9·698 | 9·734 | 9·754 | 9·788 | 9·809 | 9·826 | 9·817 | 9·828 | 9·663 |
| 9 | 9·828 | 9·836 | 9·838 | 9·840 | 9·843 | 9·845 | 9·849 | 9·854 | 9·865 | 9·884 | 9·915 | 9·929 | 9·938 | 9·945 | 9·959 | 9·976 | 9·992 | 0·020 | 0·041 | 0·074 | 0·119 | 0·151 | 0·195 | 0·216 | 0·221 | 9·965 |
| 10 | 0·221 | 0·241 | 0·256 | 0·274 | 0·276 | 0·290 | 0·304 | 0·320 | 0·340 | 0·367 | 0·386 | 0·389 | 0·383 | 0·380 | 0·361 | 0·360 | 0·362 | 0·367 | 0·377 | 0·377 | 0·388 | 0·385 | 0·376 | 0·384 | 0·389 | 0·344 |
| 11 | 0·389 | 0·382 | 0·373 | 0·363 | 0·343 | 0·334 | 0·312 | 0·308 | 0·299 | 0·303 | 0·300 | 0·298 | 0·278 | 0·243 | 0·223 | 0·210 | 0·193 | 0·183 | 0·168 | 0·160 | 0·160 | 0·159 | 0·147 | 0·116 | 0·097 | 0·254 |
| 12 | 0·097 | 0·095 | 0·067 | 0·042 | 0·030 | 0·010 | 0·002 | 9·999 | 9·988 | 9·983 | 9·961 | 9·938 | 9·922 | 9·875 | 9·856 | 9·836 | 9·805 | 9·796 | 9·782 | 9·782 | 9·781 | 9·775 | 9·752 | 9·749 | 9·743 | 9·906 |
| 13 | 9·743 | 9·745 | 9·733 | 9·745 | 9·735 | 9·746 | 9·737 | 9·757 | 9·780 | 9·795 | 9·818 | 9·835 | 9·839 | 9·835 | 9·842 | 9·852 | 9·870 | 9·883 | 9·896 | 9·907 | 9·935 | 9·935 | 9·937 | 9·925 | 9·922 | 9·830 |
| 14 | 9·922 | 9·915 | 9·917 | 9·922 | 9·911 | 9·906 | 9·900 | 9·907 | 9·915 | 9·920 | 9·932 | 9·928 | 9·905 | 9·879 | 9·853 | 9·846 | 9·835 | 9·834 | 9·841 | 9·868 | 9·872 | 9·875 | 9·883 | 9·877 | 9·872 | 9·889 |
| 15 | 9·872 | 9·853 | 9·842 | 9·833 | 9·850 | 9·854 | 9·852 | 9·838 | 9·842 | 9·858 | 9·847 | 9·847 | 9·839 | 9·802 | 9·775 | 9·738 | 9·707 | 9·679 | 9·678 | 9·650 | 9·641 | 9·654 | 9·634 | 9·648 | 9·632 | 9·771 |
| 16 | 9·632 | 9·641 | 9·640 | 9·648 | 9·665 | 9·671 | 9·664 | 9·660 | 9·670 | 9·681 | 9·685 | 9·686 | 9·692 | 9·674 | 9·665 | 9·654 | 9·655 | 9·655 | 9·654 | 9·652 | 9·645 | 9·655 | 9·654 | 9·654 | 9·650 | 9·661 |
| 17 | 9·650 | 9·635 | 9·620 | 9·594 | 9·575 | 9·554 | 9·535 | 9·536 | 9·532 | 9·541 | 9·594 | 9·619 | 9·653 | 9·685 | 9·710 | 9·743 | 9·791 | 9·841 | 9·885 | 9·927 | 9·972 | 0·010 | 0·049 | 0·086 | 0·112 | 9·732 |
| 18 | 0·112 | 0·128 | 0·144 | 0·160 | 0·188 | 0·199 | 0·210 | 0·228 | 0·247 | 0·262 | 0·272 | 0·276 | 0·261 | 0·243 | 0·225 | 0·223 | 0·222 | 0·215 | 0·206 | 0·193 | 0·192 | 0·177 | 0·176 | 0·162 | 0·160 | 0·206 |
| 19 | 0·160 | 0·141 | 0·124 | 0·112 | 0·098 | 0·095 | 0·092 | 0·087 | 0·086 | 0·095 | 0·101 | 0·099 | 0·096 | 0·124 | 0·142 | 0·167 | 0·197 | 0·226 | 0·262 | 0·290 | 0·311 | 0·326 | 0·347 | 0·366 | 0·382 | 0·177 |
| 20 | 0·382 | 0·393 | 0·398 | 0·426 | 0·422 | 0·416 | 0·413 | 0·417 | 0·426 | 0·444 | 0·448 | 0·446 | 0·451 | 0·428 | 0·411 | 0·410 | 0·404 | 0·403 | 0·395 | 0·398 | 0·399 | 0·398 | 0·394 | 0·383 | 0·363 | 0·412 |
| 21 | 0·363 | 0·354 | 0·349 | 0·340 | 0·328 | 0·310 | 0·315 | 0·324 | 0·313 | 0·323 | 0·320 | 0·329 | 0·312 | 0·278 | 0·247 | 0·237 | 0·226 | 0·232 | 0·227 | 0·226 | 0·213 | 0·195 | 0·174 | 0·156 | 0·152 | 0·275 |
| 22 | 0·152 | 0·144 | 0·126 | 0·102 | 0·092 | 0·068 | 0·065 | 0·047 | 0·024 | 0·028 | 0·019 | 0·028 | 0·024 | 9·981 | 9·973 | 9·965 | 9·959 | 9·958 | 9·953 | 9·957 | 9·969 | 9·974 | 9·981 | 9·982 | 9·983 | 0·019 |
| 23 | 9·983 | 9·977 | 9·978 | 9·996 | 0·004 | 0·024 | 0·061 | 0·099 | 0·136 | 0·175 | 0·190 | 0·195 | 0·212 | 0·199 | 0·193 | 0·183 | 0·186 | 0·181 | 0·168 | 0·169 | 0·153 | 0·160 | 0·164 | 0·164 | 0·169 | 0·127 |
| 24 | 0·169 | 0·169 | 0·167 | 0·162 | 0·164 | 0·163 | 0·162 | 0·161 | 0·168 | 0·177 | 0·188 | 0·194 | 0·198 | 0·194 | 0·191 | 0·185 | 0·192 | 0·202 | 0·214 | 0·232 | 0·237 | 0·240 | 0·244 | 0·244 | 0·246 | 0·194 |
| 25 | 0·246 | 0·234 | 0·229 | 0·242 | 0·237 | 0·238 | 0·245 | 0·247 | 0·249 | 0·251 | 0·260 | 0·284 | 0·280 | 0·264 | 0·250 | 0·257 | 0·281 | 0·299 | 0·295 | 0·307 | 0·317 | 0·319 | 0·328 | 0·317 | 0·314 | 0·271 |
| 26 | 0·314 | 0·293 | 0·268 | 0·239 | 0·199 | 0·174 | 0·139 | 0·127 | 0·114 | 0·092 | 0·094 | 0·099 | 0·093 | 0·080 | 0·057 | 0·060 | 0·067 | 0·069 | 0·075 | 0·083 | 0·092 | 0·093 | 0·083 | 0·078 | 0·071 | 0·123 |
| 27 | 0·071 | 0·061 | 0·041 | 0·042 | 0·034 | 0·040 | 0·037 | 0·033 | 0·027 | 0·032 | 0·037 | 0·043 | 0·053 | 0·057 | 0·048 | 0·050 | 0·064 | 0·069 | 0·077 | 0·082 | 0·074 | 0·062 | 0·043 | 0·029 | 0·013 | 0·049 |
| 28 | 0·013 | 9·988 | 9·949 | 9·925 | 9·889 | 9·847 | 9·799 | 9·743 | 9·713 | 9·699 | 9·702 | 9·707 | 9·686 | 9·650 | 9·637 | 9·646 | 9·666 | 9·700 | 9·731 | 9·777 | 9·816 | 9·852 | 9·886 | 9·905 | 9·935 | 9·787 |
| 29 | 9·935 | 9·960 | 9·976 | 0·000 | 0·020 | 0·040 | 0·067 | 0·100 | 0·117 | 0·151 | 0·176 | 0·204 | 0·218 | 0·233 | 0·241 | 0·246 | 0·259 | 0·282 | 0·299 | 0·351 | 0·376 | 0·378 | 0·391 | 0·406 | 0·404 | 0·194 |
| 30 | 0·404 | 0·397 | 0·394 | 0·374 | 0·345 | 0·336 | 0·314 | 0·285 | 0·265 | 0·237 | 0·202 | 0·210 | 0·202 | 0·181 | 0·182 | 0·159 | 0·177 | 0·182 | 0·206 | 0·220 | 0·226 | 0·240 | 0·245 | 0·240 | 0·237 | 0·256 |
| 31 | 0·237 | 0·232 | 0·224 | 0·210 | 0·202 | 0·188 | 0·181 | 0·164 | 0·159 | 0·146 | 0·137 | 0·138 | 0·130 | 0·104 | 0·075 | 0·072 | 0·068 | 0·065 | 0·077 | 0·109 | 0·115 | 0·123 | 0·138 | 0·149 | 0·163 | 0·142 |
| Mean... | 0·057 | 0·053 | 0·046 | 0·044 | 0·038 | 0·033 | 0·028 | 0·029 | 0·031 | 0·037 | 0·044 | 0·051 | 0·048 | 0·036 | 0·027 | 0·027 | 0·032 | 0·039 | 0·046 | 0·055 | 0·062 | 0·067 | 0·069 | 0·067 | 0·067 | 0·045 |
| Mean, 1871–1905. | 9·893 | 9·888 | 9·885 | 9·885 | 9·881 | 9·876 | 9·875 | 9·876 | 9·883 | 9·891 | 9·898 | 9·903 | 9·899 | 9·888 | 9·880 | 9·878 | 9·881 | 9·884 | 9·888 | 9·891 | 9·894 | 9·895 | 9·896 | 9·895 | 9·894 | 9·888 |

250 Wt 5807 7/08 D & S 23 32536

VALENCIA. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 7 | 15 | 7 | 15 | 7 | 15 | 7 | 8 | 9 | 8 | 8 | 9 | 8 | 8 | 7 | 8 | 6 | 10 | 7 | 11 | 7 | 12 | 7 | 12 |
| 2 | 6 | 12 | 7 | 9 | 7 | 9 | 8 | 8 | 9 | 6 | 9 | 7 | 8 | 6 | 8 | 11 | 8 | 12 | 8 | 14 | 8 | 18 | 8 | 14 |
| 3 | 8 | 15 | 8 | 15 | 6 | 15 | 8 | 16 | 8 | 15 | 8 | 12 | 7 | 9 | 8 | 10 | 7 | 10 | 7 | 9 | 7 | 8 | 6 | 11 |
| 4 | 9 | 7 | 9 | 5 | 9 | 5 | 9 | 8 | 8 | 5 | 8 | 6 | 8 | 4 | 8 | 7 | 8 | 4 | 8 | 4 | 8 | 7 | 8 | 4 |
| 5 | 7 | 7 | 5 | 4 | 5 | 4 | — | 2 | 12 | 9 | 15 | 12 | 15 | 15 | 15 | 15 | 15 | 13 | 15 | 15 | 15 | 11 | 16 | 9 |
| 6 | 20 | 21 | 20 | 18 | 20 | 18 | 20 | 15 | 20 | 15 | 20 | 17 | 20 | 19 | 21 | 23 | 21 | 21 | 21 | 18 | 20 | 18 | 20 | 19 |
| 7 | 17 | 15 | 18 | 16 | 20 | 14 | 17 | 10 | 16 | 11 | 18 | 7 | 16 | 8 | 16 | 6 | 8 | 7 | 4 | 7 | 32 | 4 | 1 | 8 |
| 8 | 29 | 29 | 28 | 25 | 28 | 21 | 30 | 18 | 30 | 18 | 30 | 22 | 30 | 24 | 29 | 25 | 29 | 27 | 30 | 24 | 30 | 22 | 31 | 23 |
| 9 | 4 | 5 | 5 | 7 | 5 | 4 | 5 | 7 | 6 | 10 | 6 | 10 | 4 | 10 | 5 | 10 | 4 | 13 | 5 | 12 | 5 | 13 | 5 | 15 |
| 10 | 7 | 4 | 7 | 4 | 8 | 6 | 7 | 4 | — | 2 | — | 2 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 5 |
| 11 | 18 | 6 | 14 | 10 | 14 | 10 | 14 | 7 | 15 | 7 | 16 | 7 | 16 | 9 | 16 | 7 | 16 | 9 | 16 | 10 | 16 | 11 | 16 | 10 |
| 12 | 15 | 14 | 13 | 12 | 13 | 11 | 12 | 17 | 12 | 15 | 13 | 12 | 12 | 18 | 12 | 15 | 9 | 11 | 10 | 12 | 11 | 19 | 12 | 16 |
| 13 | 14 | 22 | 14 | 24 | 15 | 21 | 14 | 21 | 15 | 18 | 15 | 15 | 15 | 15 | 15 | 14 | 15 | 17 | 15 | 14 | 15 | 10 | 15 | 12 |
| 14 | 15 | 10 | 15 | 11 | 15 | 11 | 15 | 10 | 15 | 11 | 15 | 12 | 15 | 12 | 15 | 13 | 15 | 12 | 15 | 12 | 15 | 15 | 15 | 15 |
| 15 | 16 | 7 | 16 | 8 | 16 | 8 | 16 | 9 | 16 | 10 | 17 | 11 | 16 | 12 | 16 | 12 | 16 | 13 | 16 | 10 | 16 | 12 | 16 | 16 |
| 16 | 18 | 20 | 18 | 19 | 19 | 18 | 19 | 15 | 18 | 12 | 18 | 12 | 18 | 12 | 18 | 12 | 17 | 11 | 16 | 9 | 16 | 10 | 16 | 11 |
| 17 | 16 | 21 | 16 | 21 | 16 | 21 | 16 | 21 | 16 | 21 | 16 | 22 | 16 | 21 | 16 | 19 | 16 | 21 | 22 | 19 | 20 | 13 | 19 | 17 |
| 18 | 22 | 11 | 22 | 6 | — | 2 | — | 2 | — | 3 | 6 | 4 | 6 | 5 | 6 | 4 | 6 | 6 | 6 | 4 | — | 1 | 14 | 5 |
| 19 | 15 | 8 | 15 | 10 | 15 | 12 | 15 | 12 | 15 | 12 | 16 | 11 | 16 | 10 | 16 | 7 | 16 | 10 | 16 | 10 | 16 | 11 | 16 | 14 |
| 20 | 3 | 4 | 5 | 4 | — | 3 | 5 | 4 | 5 | 5 | — | 2 | — | 2 | 6 | 4 | — | 2 | 8 | 4 | 14 | 12 | 10 | 9 |
| 21 | 15 | 15 | 15 | 11 | 15 | 11 | 15 | 12 | 15 | 14 | 15 | 13 | 15 | 12 | 15 | 13 | 14 | 16 | 15 | 13 | 14 | 15 | 14 | 15 |
| 22 | 13 | 18 | 12 | 21 | 13 | 22 | 13 | 20 | 13 | 23 | 13 | 21 | 13 | 23 | 13 | 23 | 14 | 22 | 13 | 22 | 14 | 22 | 13 | 24 |
| 23 | 15 | 17 | 15 | 15 | 15 | 14 | 16 | 10 | 16 | 9 | 28 | 7 | — | 2 | 25 | 4 | — | 2 | — | 2 | — | 2 | 28 | 1 |
| 24 | 14 | 15 | 15 | 12 | 13 | 15 | 14 | 15 | 14 | 17 | 13 | 15 | 12 | 17 | 13 | 17 | 13 | 19 | 13 | 19 | 14 | 17 | 15 | 15 |
| 25 | 17 | 7 | 17 | 8 | 17 | 7 | 16 | 8 | 16 | 8 | 16 | 9 | 17 | 10 | 17 | 11 | 18 | 10 | 19 | 15 | 20 | 18 | 20 | 17 |
| 26 | 20 | 12 | 19 | 13 | 19 | 16 | 20 | 19 | 20 | 23 | 20 | 25 | 20 | 27 | 20 | 24 | 20 | 25 | 20 | 23 | 20 | 23 | 21 | 24 |
| 27 | 21 | 24 | 21 | 27 | 21 | 26 | 21 | 26 | 22 | 31 | 21 | 28 | 21 | 25 | 21 | 25 | 21 | 29 | 21 | 21 | 22 | 23 | 21 | 23 |
| 28 | 23 | 29 | 23 | 32 | 23 | 31 | 23 | 32 | 23 | 35 | 22 | 36 | 23 | 38 | 25 | 38 | 27 | 39 | 25 | 40 | 24 | 36 | 23 | 35 |
| 29 | 32 | 19 | 32 | 18 | 32 | 14 | 30 | 13 | 32 | 9 | 31 | 12 | 31 | 17 | 32 | 23 | 2 | 15 | 2 | 15 | 32 | 14 | 32 | 20 |
| 30 | — | 2 | — | 2 | — | 2 | — | 2 | — | 0 | — | 3 | — | 3 | 5 | 4 | — | 2 | 22 | 11 | 24 | 14 | 27 | 13 |
| 31 | 27 | 15 | 28 | 13 | 28 | 10 | 28 | 14 | 25 | 18 | 26 | 15 | 26 | 18 | 25 | 18 | 25 | 21 | 26 | 21 | 27 | 15 | 27 | 16 |
| Mean ... | — | 14 | — | 13 | — | 13 | — | 13 | — | 13 | — | 13 | — | 13 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 |
| Mean, 1881–1905. | — | 14·7 | — | 14·6 | — | 14·4 | — | 14·3 | — | 14·3 | — | 14·2 | — | 14·2 | — | 14·3 | — | 14·5 | — | 14·2 | — | 14·1 | — | 15·3 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of has been applied for friction. When the velocity is less than 4 miles per hour,

VALENCIA. TABLE IV.—Rainfall in Hundredths of English Inches. JANUARY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 | 05 | 07 | 12 | 08 | 04 | — | 01 | 02 | 01 | 45 |
| 6 | — | — | — | 01 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | 01 | — | 01 | 01 | 01 | 03 | 01 | 10 |
| 7 | 03 | — | — | 03 | 02 | — | — | 02 | 05 | 01 | — | — | 02 | — | — | 01 | — | — | 03 | — | 01 | 01 | — | — | 24 |
| 8 | — | 01 | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | — | — | — | 03 |
| 13 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 | 10 | 01 | 03 | 05 | 09 | 31 |
| 14 | 01 | — | — | 01 | 03 | — | — | — | — | — | — | — | 01 | 09 | 14 | 08 | 06 | 02 | 01 | — | — | — | 01 | — | 47 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 10 | 10 | 07 | 12 | 03 | 02 | 01 | 01 | 01 | — | 48 |
| 16 | 01 | 01 | — | — | — | 07 | 11 | 13 | 07 | 05 | 06 | 03 | 02 | 02 | 02 | — | — | 06 | 04 | 04 | 04 | — | 07 | 01 | 86 |
| 17 | 01 | 02 | 02 | 02 | 04 | 09 | 02 | 05 | 10 | 01 | — | — | 03 | — | — | — | — | — | — | — | — | — | — | — | 41 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | 02 | — | — | — | — | — | — | — | 01 | — | 03 | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 | 01 | 07 |
| 23 | 08 | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | 03 | 02 | — | — | 02 | 05 | 10 | 02 | — | — | 34 |
| 24 | 01 | 01 | 01 | 08 | 01 | 01 | 04 | 04 | 01 | 01 | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | 25 |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 |
| 26 | — | — | — | — | — | — | — | 02 | 11 | 02 | — | 03 | 01 | — | — | — | — | — | — | — | — | — | — | — | 19 |
| 27 | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 03 |
| 28 | — | — | 01 | 02 | — | — | 05 | 03 | 02 | — | — | — | 01 | 02 | 03 | 02 | 03 | — | — | — | — | — | — | — | 24 |
| 29 | 01 | — | — | 01 | — | 05 | 07 | 01 | 01 | 08 | — | — | — | 01 | — | — | — | — | 01 | — | — | 01 | 01 | — | 28 |
| 30 | — | 01 | — | — | 01 | 01 | 06 | 08 | 06 | — | 02 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | 27 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 |
| Sum ... | 17 | 09 | 04 | 20 | 14 | 23 | 35 | 38 | 44 | 19 | 08 | 10 | 14 | 16 | 37 | 28 | 24 | 33 | 23 | 28 | 19 | 10 | 26 | 14 | 5·13 |
| Average 1871–1905. | ·260 | ·236 | ·241 | ·254 | ·271 | ·234 | ·244 | ·242 | ·270 | ·236 | ·215 | ·233 | ·235 | ·261 | ·250 | ·197 | ·217 | ·261 | ·237 | ·260 | ·296 | ·297 | ·263 | ·282 | 5·994 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. JANUARY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 7 | 19 | 8 | 15 | 7 | 21 | 7 | 23 | 7 | 19 | 7 | 16 | 7 | 14 | 7 | 15 | 5 | 12 | 7 | 14 | 7 | 13 | 8 | 14 | 14 | 1 |
| 8 | 14 | 8 | 12 | 8 | 14 | 8 | 14 | 8 | 15 | 8 | 15 | 8 | 15 | 8 | 17 | 9 | 16 | 8 | 15 | 8 | 19 | 8 | 16 | 13 | 2 |
| 6 | 12 | 6 | 10 | 8 | 10 | 8 | 11 | 7 | 4 | 8 | 5 | 8 | 4 | 8 | 4 | 8 | 8 | 8 | 5 | 8 | 6 | 8 | 4 | 10 | 3 |
| 8 | 8 | 8 | 12 | 8 | 10 | 8 | 10 | 8 | 9 | 8 | 8 | 10 | 10 | 10 | 9 | — | 2 | 6 | 9 | — | 3 | — | 3 | 7 | 4 |
| 16 | 15 | 15 | 16 | 15 | 15 | 15 | 16 | 15 | 16 | 15 | 17 | 15 | 16 | 15 | 15 | 16 | 17 | 16 | 15 | 16 | 14 | 18 | 15 | 13 | 5 |
| 20 | 20 | 21 | 20 | 21 | 20 | 21 | 17 | 21 | 14 | 20 | 11 | 19 | 11 | 19 | 13 | 17 | 14 | 17 | 15 | 17 | 15 | 17 | 17 | 17 | 6 |
| 31 | 22 | 32 | 32 | 32 | 29 | 31 | 33 | 31 | 29 | 29 | 29 | 28 | 30 | 28 | 31 | 30 | 26 | 29 | 31 | 30 | 33 | 29 | 26 | 19 | 7 |
| 32 | 21 | 31 | 23 | 1 | 18 | 1 | 19 | 3 | 17 | 3 | 17 | 3 | 17 | 8 | 10 | 4 | 15 | 3 | 16 | 4 | 18 | 4 | 11 | 20 | 8 |
| 4 | 15 | 4 | 15 | 5 | 15 | 4 | 17 | 5 | 15 | 4 | 14 | 5 | 12 | 5 | 13 | 5 | 8 | 1 | 5 | 6 | 7 | 5 | 12 | 11 | 9 |
| 7 | 5 | 7 | 6 | — | 2 | — | 2 | 10 | 4 | — | 2 | 8 | 5 | — | 2 | — | 3 | 12 | 7 | 13 | 7 | 13 | 7 | 5 | 10 |
| 16 | 11 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 11 | 16 | 10 | 16 | 11 | 16 | 9 | 16 | 11 | 16 | 13 | 16 | 15 | 15 | 18 | 10 | 11 |
| 11 | 18 | 12 | 20 | 12 | 20 | 13 | 20 | 13 | 21 | 13 | 26 | 13 | 25 | 13 | 23 | 13 | 26 | 13 | 26 | 13 | 26 | 13 | 24 | 19 | 12 |
| 15 | 10 | 15 | 10 | 14 | 14 | 14 | 15 | 14 | 15 | 14 | 12 | 14 | 14 | 14 | 8 | 15 | 10 | 15 | 12 | 15 | 12 | 14 | 13 | 15 | 13 |
| 15 | 16 | 15 | 17 | 15 | 15 | 15 | 15 | 15 | 16 | 19 | 13 | 21 | 8 | 18 | 6 | 16 | 7 | 16 | 6 | 16 | 7 | 16 | 7 | 12 | 14 |
| 15 | 18 | 15 | 16 | 15 | 17 | 15 | 19 | 15 | 21 | 15 | 20 | 16 | 19 | 16 | 21 | 16 | 22 | 16 | 22 | 18 | 21 | 16 | 19 | 15 | 15 |
| 17 | 14 | 18 | 15 | 16 | 17 | 16 | 18 | 16 | 20 | 16 | 18 | 16 | 18 | 16 | 21 | 16 | 18 | 16 | 16 | 16 | 20 | 16 | 20 | 16 | 16 |
| 20 | 20 | 20 | 21 | 20 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 22 | 23 | 22 | 18 | 24 | 12 | 24 | 10 | 23 | 12 | 19 | 19 | 19 |
| 15 | 7 | 16 | 7 | 16 | 4 | 16 | 7 | 14 | 7 | 14 | 7 | 15 | 10 | 15 | 8 | 16 | 7 | 16 | 6 | 15 | 10 | 16 | 10 | 6 | 17 |
| 31 | 14 | 31 | 10 | 31 | 10 | 30 | 7 | 30 | 8 | 30 | 11 | 31 | 7 | 31 | 4 | — | 2 | — | 0 | — | 2 | — | 2 | 9 | 18 |
| 14 | 16 | 15 | 18 | 15 | 14 | 15 | 12 | 14 | 14 | 14 | 15 | 14 | 14 | 14 | 15 | 14 | 15 | 14 | 15 | 14 | 16 | 15 | 18 | 10 | 20 |
| 15 | 16 | 14 | 18 | 14 | 20 | 14 | 18 | 13 | 11 | 9 | 11 | 12 | 11 | 12 | 15 | 12 | 18 | 12 | 18 | 12 | 14 | 12 | 15 | 14 | 21 |
| 13 | 27 | 14 | 23 | 15 | 21 | 15 | 19 | 15 | 19 | 15 | 20 | 15 | 17 | 15 | 17 | 15 | 18 | 15 | 18 | 15 | 18 | 15 | 17 | 21 | 22 |
| — | 3 | — | 3 | 8 | 9 | 8 | 8 | 8 | 15 | 8 | 15 | 8 | 15 | 8 | 18 | 15 | 17 | 12 | 17 | 13 | 16 | 13 | 18 | 10 | 23 |
| 15 | 11 | 15 | 9 | 15 | 10 | 15 | 9 | 15 | 10 | 15 | 7 | 17 | 7 | 16 | 7 | 16 | 8 | 16 | 8 | 16 | 10 | 16 | 9 | 12 | 24 |
| 20 | 18 | 20 | 20 | 21 | 21 | 22 | 21 | 22 | 15 | 21 | 15 | 22 | 16 | 22 | 15 | 22 | 19 | 21 | 14 | 19 | 9 | 14 | 25 | | |
| 21 | 29 | 21 | 29 | 21 | 26 | 21 | 28 | 21 | 26 | 22 | 26 | 21 | 23 | 21 | 20 | 21 | 20 | 21 | 19 | 21 | 19 | 21 | 23 | 23 | 26 |
| 22 | 20 | 24 | 20 | 23 | 18 | 24 | 21 | 24 | 22 | 23 | 22 | 24 | 21 | 24 | 24 | 23 | 26 | 23 | 28 | 23 | 29 | 23 | 31 | 25 | 27 |
| 24 | 43 | 27 | 40 | 28 | 37 | 28 | 35 | 29 | 31 | 31 | 30 | 29 | 25 | 28 | 25 | 28 | 17 | 29 | 21 | 31 | 18 | 31 | 20 | 32 | 28 |
| 32 | 21 | 1 | 21 | 31 | 17 | 31 | 25 | 32 | 23 | 32 | 28 | 32 | 17 | 2 | 14 | 31 | 14 | 32 | 14 | 1 | 10 | 1 | 6 | 17 | 29 |
| 28 | 17 | 28 | 21 | 30 | 23 | 31 | 22 | 30 | 21 | 30 | 21 | 31 | 23 | 30 | 20 | 30 | 15 | 29 | 15 | 28 | 14 | 28 | 15 | 12 | 30 |
| 27 | 15 | 27 | 26 | 26 | 29 | 26 | 23 | 28 | 24 | 28 | 18 | 31 | 20 | 31 | 21 | 30 | 21 | 31 | 18 | 31 | 17 | 31 | 14 | 18 | 31 |
| — | 17 | — | 17 | — | 17 | — | 17 | — | 16 | — | 16 | — | 15 | — | 15 | — | 14 | — | 15 | — | 15 | — | 14 | 15 | |
| — | 16·0 | — | 16·1 | — | 16·1 | — | 15·5 | — | 15·0 | — | 14·6 | — | 14·5 | — | 14·2 | — | 14·4 | — | 14·7 | — | 14·9 | — | 14·8 | 14·7 | Mean, 1881–1905. |

the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction the direction is omitted, the record not being trustworthy in very light airs.

VALENCIA. TABLE V.—Duration of Bright Sunshine in Hours. JANUARY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day. |
| 2 | — | — | — | — | — | — | ·9 | — | — | — | — | — | — | — | — | — | — | 0·9 | Fair at first, dull later; slight squalls at |
| 3 | — | — | — | — | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | — | — | — | 5·8 | Fine and bright. [night. |
| 4 | — | — | — | — | — | — | ·1 | ·1 | ·2 | — | — | — | — | — | — | — | — | 0·4 | Day fine to dull; fair evening. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy, with ● in afternoon. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, ●⁰, and overcast all day. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·2 | A.M. misty; P.M. squally, with ● and △ |
| 8 | — | — | — | — | — | — | ·4 | ·8 | ·7 | ·8 | ·4 | ·4 | — | — | — | — | — | 3·5 | Squally day; fine evening. [showers. |
| 9 | — | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | — | 6·4 | Fine. |
| 10 | — | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 6·3 | Fine day, becoming dull at night. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. |
| 12 | — | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | — | — | — | 4·5 | Fine at first; threatening-looking later. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy to ● in evening. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and misty, with ●² in afternoon. |
| 15 | — | — | — | — | — | ·1 | ·4 | — | — | — | — | — | — | — | — | — | — | 0·5 | A.M. fair; P.M. ≋⁰ and ●. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet, misty day. |
| 17 | — | — | — | — | — | — | — | ·6 | — | ·9 | ·6 | ·1 | — | — | — | — | — | 2·2 | ● till 10h., then clearing; fine night. |
| 18 | — | — | — | — | — | ·5 | ·5 | ·6 | 1·0 | ·9 | — | ·1 | — | — | — | — | — | 3·6 | ≍, ≋⁰, fine to fair. |
| 19 | — | — | — | — | — | — | — | — | — | ·6 | ·5 | ·1 | — | — | — | — | — | 1·2 | Gloomy to fine. |
| 20 | — | — | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 6·6 | ≍, fine day. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Squally day. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋, ●, dull. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet gloomy morning, improving in after- |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, dull. [noon, |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy, ●, ≍. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and misty, improving somewhat |
| 28 | — | — | — | — | — | ·1 | ·05 | ·1 | ·05 | ·05 | — | — | — | — | — | — | — | 0·7 | Squally day, with ● and ▲. [P.M. |
| 29 | — | — | — | — | — | — | ·4 | ·9 | 1·0 | ·7 | ·8 | ·6 | — | — | — | — | — | 0·35 | ▲ showers during day, with fair intervals. |
| 30 | — | — | — | — | — | — | — | — | — | ·2 | ·05 | — | — | — | — | — | — | 4·4 | A.M. ≋ and ●; P.M. brighter. |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·25 | Overcast and misty; clearing in evening. |
| | — | — | — | — | — | 2·3 | 7·65 | 8·1 | 7·95 | 9·45 | 6·85 | 5·4 | 0·1 | — | — | — | — | 47·8 | Total. |
| | — | — | — | — | 0·23 | 3·93 | 7·59 | 8·87 | 9·09 | 8·64 | 7·32 | 4·54 | 0·80 | 0·01 | — | — | — | 51·03 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JANUARY, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 36·5 | 36·7 | 35·7 | 35·6 | 34·3 | 35·9 | 35·3 | 35·9 | 35·7 | 36·3 | 36·6 | 36·6 | 36·8 | 37·6 | 37·6 | 37·7 | 36·7 | 36·6 | 36·7 | 36·7 | 36·6 | 36·4 | 36·4 | 36·7 | 37·1 | 36·4 |
| 2 | 37·1 | 36·6 | 36·4 | 36·6 | 36·4 | 36·7 | 37·2 | 36·8 | 37·6 | 37·8 | 37·7 | 38·3 | 38·3 | 38·8 | 38·3 | 38·5 | 37·4 | 35·8 | 35·9 | 35·8 | 35·6 | 35·7 | 34·8 | 35·2 | 34·6 | 36·8 |
| 3 | 34·6 | 34·7 | 33·4 | 33·3 | 33·4 | 32·9 | 32·7 | 30·7 | 29·9 | 29·6 | 30·3 | 31·3 | 31·8 | 32·7 | 33·2 | 33·8 | 33·2 | 30·8 | 30·4 | 29·4 | 28·6 | 29·9 | 29·1 | 30·4 | 29·9 | 31·6 |
| 4 | 29·9 | 31·2 | 29·9 | 28·7 | 27·2 | 28·4 | 25·0 | 26·6 | 24·2 | 26·5 | 26·6 | 29·0 | 30·7 | 32·7 | 33·9 | 34·9 | 34·8 | 34·9 | 34·9 | 35·7 | 34·4 | 32·7 | 30·5 | 34·0 | 32·9 | 30·8 |
| 5 | 32·9 | 32·3 | 33·4 | 34·1 | 34·6 | 35·1 | 37·4 | 37·8 | 38·9 | 40·0 | 40·9 | 41·6 | 41·6 | 41·9 | 43·9 | 45·9 | 46·0 | 45·7 | 45·8 | 46·6 | 47·3 | 48·3 | 48·8 | 48·9 | 49·5 | 41·6 |
| 6 | 49·5 | 50·7 | 50·4 | 50·7 | 49·9 | 50·4 | 50·1 | 50·5 | 50·6 | 50·7 | 50·7 | 50·4 | 50·4 | 50·5 | 50·6 | 50·2 | 49·7 | 49·5 | 49·2 | 49·8 | 49·7 | 49·7 | 49·8 | 50·0 | 50·3 | 50·2 |
| 7 | 50·3 | 50·5 | 50·2 | 50·0 | 49·2 | 49·2 | 46·5 | 46·6 | 46·1 | 45·4 | 44·6 | 45·9 | 46·5 | 44·8 | 43·1 | 43·9 | 42·6 | 42·8 | 43·1 | 42·5 | 41·3 | 40·8 | 42·2 | 41·5 | 41·7 | 45·2 |
| 8 | 41·7 | 41·0 | 40·8 | 41·4 | 40·7 | 41·3 | 42·1 | 43·1 | 43·9 | 44·7 | 44·9 | 44·9 | 45·5 | 45·4 | 45·4 | 43·3 | 43·8 | 41·9 | 41·7 | 41·2 | 39·7 | 39·3 | 38·7 | 36·4 | 35·7 | 42·1 |
| 9 | 35·7 | 35·1 | 33·3 | 32·9 | 33·8 | 33·9 | 33·5 | 33·8 | 34·2 | 33·9 | 34·7 | 35·7 | 36·6 | 36·9 | 36·8 | 36·8 | 36·3 | 35·4 | 34·7 | 34·7 | 34·5 | 33·5 | 33·4 | 32·2 | 33·3 | 34·6 |
| 10 | 33·3 | 33·0 | 32·0 | 32·4 | 31·1 | 31·6 | 29·9 | 30·2 | 29·6 | 28·3 | 27·6 | 30·2 | 32·9 | 35·3 | 36·6 | 36·4 | 34·7 | 32·5 | 33·1 | 33·1 | 34·5 | 34·3 | 35·8 | 36·8 | 36·3 | 32·8 |
| 11 | 36·3 | 35·9 | 36·9 | 37·6 | 36·6 | 36·9 | 37·5 | 37·8 | 38·2 | 38·6 | 38·9 | 39·8 | 39·8 | 40·3 | 41·3 | 41·6 | 41·6 | 41·6 | 41·6 | 41·9 | 41·6 | 41·9 | 41·7 | 41·5 | 41·1 | 39·6 |
| 12 | 41·1 | 40·9 | 40·1 | 40·8 | 40·2 | 40·3 | 40·1 | 40·3 | 40·1 | 39·5 | 40·5 | 41·9 | 43·3 | 44·1 | 44·6 | 44·6 | 44·7 | 44·5 | 44·3 | 44·4 | 44·5 | 44·9 | 45·9 | 46·6 | 47·3 | 42·7 |
| 13 | 47·3 | 47·7 | 47·8 | 48·1 | 48·1 | 48·5 | 48·6 | 48·9 | 48·8 | 48·7 | 48·6 | 48·7 | 48·9 | 48·9 | 49·1 | 49·4 | 49·1 | 49·2 | 48·6 | 48·9 | 48·7 | 47·7 | 47·4 | 47·4 | 46·9 | 46·7 | 49·1 |
| 14 | 48·6 | 48·9 | 48·8 | 48·8 | 48·8 | 49·3 | 49·3 | 49·2 | 49·5 | 49·5 | 49·6 | 49·7 | 49·7 | 50·3 | 50·3 | 49·9 | 49·9 | 50·1 | 50·3 | 48·6 | 47·7 | 47·4 | 47·4 | 46·9 | 46·7 | 47·9 |
| 15 | 46·7 | 46·7 | 46·3 | 45·8 | 44·8 | 45·6 | 45·7 | 45·8 | 46·5 | 46·9 | 46·7 | 47·8 | 48·7 | 48·8 | 48·8 | 48·0 | 48·3 | 48·5 | 48·7 | 49·8 | 50·4 | 50·7 | 50·8 | 50·9 | 51·0 | 47·9 |
| 16 | 51·0 | 51·2 | 51·2 | 51·7 | 51·7 | 51·7 | 51·3 | 51·3 | 51·3 | 50·9 | 51·2 | 51·0 | 51·4 | 51·7 | 51·6 | 52·0 | 52·3 | 52·0 | 52·1 | 51·6 | 51·8 | 52·4 | 51·9 | 51·7 | 51·3 | 51·6 |
| 17 | 51·3 | 51·0 | 50·9 | 50·9 | 50·9 | 51·0 | 51·3 | 51·6 | 51·3 | 51·7 | 50·6 | 48·1 | 48·8 | 46·8 | 47·9 | 49·0 | 48·2 | 47·4 | 47·3 | 46·9 | 47·2 | 46·8 | 46·2 | 46·4 | 45·2 | 49·0 |
| 18 | 45·2 | 45·1 | 43·7 | 43·1 | 41·4 | 40·9 | 40·3 | 37·7 | 38·8 | 37·4 | 37·6 | 40·8 | 43·3 | 45·2 | 45·9 | 44·7 | 45·7 | 43·9 | 43·5 | 42·6 | 41·6 | 42·8 | 41·4 | 43·6 | 42·2 | 42·3 |
| 19 | 42·2 | 42·9 | 44·1 | 44·9 | 44·9 | 45·5 | 45·4 | 45·6 | 44·2 | 45·3 | 46·2 | 46·5 | 46·7 | 44·9 | 46·0 | 46·6 | 44·9 | 45·1 | 44·4 | 43·5 | 43·3 | 41·6 | 38·8 | 37·0 | 36·4 | 44·1 |
| 20 | 36·4 | 35·3 | 35·0 | 34·1 | 33·2 | 33·0 | 32·7 | 34·6 | 34·3 | 33·2 | 34·9 | 40·4 | 42·3 | 43·5 | 43·7 | 43·9 | 43·0 | 42·0 | 41·8 | 41·8 | 42·1 | 42·4 | 42·5 | 42·7 | 42·6 | 38·8 |
| 21 | 42·6 | 43·6 | 44·4 | 44·9 | 45·3 | 45·9 | 45·5 | 45·5 | 45·7 | 45·7 | 45·8 | 45·9 | 46·5 | 46·8 | 46·8 | 46·8 | 46·3 | 45·7 | 45·8 | 45·7 | 45·7 | 45·9 | 45·7 | 45·4 | 45·3 | 45·6 |
| 22 | 45·3 | 45·4 | 45·3 | 45·2 | 44·9 | 44·9 | 45·0 | 45·2 | 45·5 | 46·2 | 46·6 | 47·5 | 47·8 | 47·9 | 48·7 | 49·4 | 49·4 | 49·7 | 49·9 | 50·0 | 50·2 | 50·2 | 50·3 | 50·1 | 50·0 | 47·6 |
| 23 | 50·0 | 49·9 | 49·6 | 49·8 | 49·7 | 49·2 | 46·5 | 45·9 | 45·4 | 45·5 | 45·1 | 45·9 | 47·0 | 47·3 | 48·0 | 48·3 | 47·5 | 47·9 | 48·6 | 49·0 | 49·4 | 49·0 | 50·2 | 50·3 | 50·8 | 48·2 |
| 24 | 50·8 | 50·7 | 50·3 | 50·5 | 50·4 | 50·0 | 50·3 | 50·2 | 50·2 | 50·3 | 50·1 | 50·5 | 50·4 | 48·9 | 49·7 | 49·3 | 48·6 | 47·7 | 47·5 | 47·6 | 46·1 | 45·7 | 44·0 | 44·1 | 44·7 | 48·8 |
| 25 | 44·7 | 43·9 | 43·4 | 43·2 | 43·9 | 44·1 | 45·3 | 46·3 | 46·6 | 47·6 | 48·3 | 49·1 | 49·1 | 49·6 | 49·6 | 49·4 | 48·7 | 47·9 | 47·2 | 47·4 | 47·4 | 47·1 | 47·4 | 47·7 | 47·6 | 47·9 |
| 26 | 47·7 | 48·1 | 48·4 | 48·8 | 49·7 | 50·5 | 50·7 | 50·9 | 50·9 | 50·7 | 50·1 | 50·4 | 50·7 | 51·7 | 51·8 | 51·4 | 51·4 | 51·3 | 51·2 | 51·1 | 51·0 | 51·0 | 51·1 | 51·3 | 51·2 | 50·6 |
| 27 | 51·2 | 51·3 | 51·4 | 51·5 | 51·3 | 51·5 | 51·4 | 51·3 | 51·2 | 51·0 | 51·2 | 51·6 | 51·6 | 51·4 | 50·7 | 49·9 | 49·4 | 49·0 | 48·7 | 47·8 | 48·2 | 47·7 | 47·8 | 47·8 | 46·7 | 50·2 |
| 28 | 46·7 | 46·4 | 46·4 | 46·2 | 44·1 | 45·1 | 45·5 | 45·5 | 44·2 | 44·7 | 41·8 | 39·9 | 42·5 | 44·7 | 43·9 | 41·1 | 44·1 | 42·1 | 43·5 | 43·8 | 44·6 | 43·8 | 44·3 | 44·5 | 43·8 | 43·9 |
| 29 | 43·8 | 43·4 | 41·7 | 42·5 | 40·9 | 42·3 | 41·4 | 39·4 | 40·6 | 40·1 | 40·9 | 41·2 | 42·4 | 42·6 | 42·4 | 43·4 | 44·0 | 42·7 | 42·6 | 41·7 | 40·1 | 40·5 | 40·5 | 40·4 | 40·4 | 41·7 |
| 30 | 40·4 | 38·8 | 38·7 | 38·3 | 37·6 | 38·2 | 38·2 | 38·8 | 39·8 | 41·1 | 45·8 | 47·3 | 47·9 | 48·2 | 48·4 | 47·6 | 47·3 | 47·1 | 46·2 | 46·7 | 46·4 | 46·2 | 46·2 | 45·8 | 45·6 | 43·7 |
| 31 | 45·6 | 46·2 | 46·3 | 46·6 | 46·6 | 46·8 | 46·6 | 46·7 | 46·8 | 46·6 | 47·6 | 47·6 | 48·0 | 48·1 | 49·1 | 48·9 | 49·2 | 49·7 | 48·1 | 46·7 | 46·5 | 46·5 | 46·4 | 45·6 | 45·9 | 47·2 |
| Mean ... | 43·1 | 43·1 | 42·8 | 42·9 | 42·5 | 42·8 | 42·5 | 42·6 | 42·5 | 42·6 | 43·0 | 43·7 | 44·5 | 44·8 | 45·1 | 45·1 | 44·8 | 44·2 | 44·1 | 44·0 | 43·8 | 43·7 | 43·5 | 43·6 | 43·4 | 43·6 |
| Mean, 1871–1905. | 44·2 | 44·2 | 44·1 | 44·1 | 44·1 | 44·1 | 44·0 | 44·1 | 44·0 | 44·2 | 44·5 | 45·2 | 45·7 | 46·1 | 46·2 | 46·2 | 45·8 | 45·2 | 44·8 | 44·6 | 44·4 | 44·4 | 44·2 | 44·3 | 44·1 | 44·7 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JANUARY, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 85 | 85 | 89 | 85 | 89 | 87 | 87 | 88 | 87 | 85 | 86 | 87 | 87 | 80 | 80 | 79 | 85 | 83 | 85 | 84 | 85 | 84 | 84 | 82 | 79 | 84·8 |
| 2 | 79 | 84 | 84 | 83 | 82 | 80 | 80 | 79 | 77 | 74 | 73 | 70 | 70 | 69 | 70 | 70 | 71 | 66 | 69 | 68 | 67 | 67 | 67 | 66 | 67 | 73·3 |
| 3 | 67 | 66 | 64 | 66 | 65 | 68 | 67 | 65 | 68 | 69 | 68 | 67 | 72 | 74 | 75 | 73 | 76 | 75 | 73 | 79 | 81 | 75 | 77 | 61 | 62 | 70·3 |
| 4 | 62 | 63 | 67 | 74 | 84 | 75 | 100 | 83 | 89 | 83 | 81 | 76 | 74 | 68 | 75 | 73 | 74 | 76 | 71 | 68 | 73 | 78 | 88 | 79 | 86 | 76·9 |
| 5 | 86 | 85 | 84 | 81 | 80 | 77 | 74 | 83 | 82 | 82 | 83 | 84 | 88 | 89 | 89 | 95 | 96 | 97 | 99 | 100 | 99 | 100 | 98 | 99 | 96 | 89·0 |
| 6 | 96 | 99 | 100 | 99 | 100 | 98 | 99 | 100 | 100 | 99 | 100 | 98 | 98 | 98 | 97 | 98 | 95 | 98 | 97 | 98 | 95 | 98 | 99 | 99 | 99 | 98·5 |
| 7 | 98 | 99 | 100 | 98 | 97 | 97 | 95 | 94 | 95 | 96 | 95 | 91 | 87 | 94 | 85 | 78 | 85 | 78 | 76 | 73 | 75 | 78 | 72 | 69 | 75 | 86·4 |
| 8 | 71 | 72 | 74 | 74 | 79 | 74 | 67 | 61 | 70 | 72 | 77 | 78 | 73 | 68 | 70 | 77 | 72 | 76 | 74 | 73 | 75 | 78 | 76 | 79 | 72 | 72·9 |
| 9 | 74 | 74 | 80 | 81 | 79 | 80 | 81 | 79 | 77 | 77 | 75 | 74 | 76 | 77 | 76 | 74 | 78 | 76 | 74 | 76 | 75 | 78 | 76 | 79 | 77 | 76·9 |
| 10 | 72 | 73 | 76 | 72 | 73 | 72 | 72 | 79 | 70 | 71 | 80 | 82 | 75 | 76 | 69 | 66 | 72 | 78 | 78 | 83 | 82 | 75 | 82 | 79 | 77 | 80 | 75·7 |
| 11 | 80 | 84 | 81 | 78 | 82 | 81 | 78 | 79 | 80 | 78 | 75 | 80 | 74 | 77 | 68 | 76 | 75 | 75 | 75 | 77 | 77 | 78 | 80 | 79 | 80 | 79 | 77 | 78·4 |
| 12 | 77 | 78 | 78 | 78 | 75 | 79 | 77 | 78 | 79 | 78 | 78 | 75 | 75 | 68 | 69 | 72 | 73 | 75 | 79 | 79 | 81 | 87 | 92 | 93 | 91 | 78·8 |
| 13 | 88 | 91 | 91 | 92 | 90 | 92 | 93 | 93 | 91 | 93 | 94 | 94 | 95 | 95 | 94 | 93 | 89 | 89 | 88 | 92 | 91 | 92 | 98 | 96 | 95 | 92·5 |
| 14 | 98 | 100 | 99 | 99 | 98 | 98 | 100 | 98 | 97 | 96 | 98 | 97 | 95 | 95 | 96 | 98 | 98 | 97 | 98 | 96 | 96 | 96 | 98 | 98 | 98 | 97·7 |
| 15 | 99 | 96 | 97 | 96 | 95 | 94 | 95 | 94 | 90 | 93 | 92 | 91 | 88 | 91 | 90 | 96 | 96 | 95 | 97 | 95 | 96 | 96 | 96 | 98 | 98 | 94·4 |
| 16 | 98 | 99 | 99 | 96 | 97 | 97 | 98 | 97 | 97 | 99 | 100 | 99 | 99 | 98 | 99 | 100 | 99 | 99 | 99 | 98 | 98 | 98 | 96 | 98 | 98 | 98·2 |
| 17 | 97 | 99 | 99 | 99 | 98 | 98 | 96 | 97 | 97 | 97 | 97 | 96 | 91 | 91 | 86 | 85 | 84 | 84 | 85 | 86 | 85 | 85 | 85 | 82 | 86 | 91·5 |
| 18 | 88 | 89 | 90 | 92 | 92 | 95 | 95 | 96 | 96 | 96 | 96 | 94 | 93 | 86 | 84 | 87 | 87 | 88 | 91 | 89 | 92 | 86 | 91 | 91 | 92 | 91·4 |
| 19 | 92 | 91 | 90 | 92 | 92 | 90 | 89 | 90 | 96 | 93 | 91 | 93 | 97 | 92 | 90 | 86 | 84 | 84 | 81 | 82 | 85 | 90 | 96 | 97 | 95 | 90·1 |
| 20 | 95 | 96 | 93 | 96 | 95 | 95 | 97 | 93 | 94 | 94 | 92 | 86 | 82 | 79 | 84 | 83 | 84 | 86 | 88 | 88 | 88 | 87 | 87 | 85 | 85 | 89·2 |
| 21 | 85 | 82 | 82 | 85 | 83 | 84 | 79 | 80 | 82 | 79 | 78 | 79 | 77 | 80 | 78 | 80 | 81 | 78 | 80 | 82 | 80 | 82 | 83 | 82 | 82 | 80·8 |
| 22 | 82 | 82 | 83 | 85 | 84 | 81 | 82 | 80 | 80 | 82 | 80 | 79 | 80 | 84 | 85 | 88 | 89 | 89 | 91 | 90 | 90 | 90 | 90 | 91 | 93 | 85·1 |
| 23 | 93 | 95 | 98 | 96 | 96 | 98 | 97 | 98 | 98 | 97 | 98 | 99 | 99 | 96 | 92 | 84 | 86 | 85 | 86 | 90 | 91 | 94 | 96 | 95 | 93 | 94·0 |
| 24 | 93 | 94 | 96 | 94 | 96 | 95 | 92 | 93 | 92 | 92 | 92 | 92 | 94 | 96 | 96 | 95 | 96 | 96 | 95 | 96 | 98 | 95 | 97 | 94 | 94 | 94·6 |
| 25 | 94 | 97 | 93 | 93 | 95 | 94 | 94 | 94 | 93 | 93 | 92 | 89 | 88 | 87 | 92 | 94 | 94 | 88 | 84 | 87 | 87 | 88 | 88 | 86 | 89 | 90·9 |
| 26 | 89 | 91 | 92 | 91 | 90 | 91 | 91 | 91 | 93 | 94 | 98 | 96 | 99 | 96 | 98 | 98 | 97 | 97 | 98 | 100 | 99 | 99 | 100 | 99 | 100 | 95·5 |
| 27 | 100 | 99 | 98 | 97 | 99 | 97 | 96 | 97 | 98 | 99 | 99 | 95 | 95 | 93 | 88 | 86 | 87 | 85 | 72 | 82 | 78 | 74 | 79 | 80 | 77 | 81 | 89·8 |
| 28 | 81 | 83 | 81 | 79 | 85 | 79 | 77 | 80 | 93 | 83 | 65 | 76 | 82 | 76 | 76 | 98 | 77 | 88 | 79 | 77 | 75 | 83 | 75 | 69 | 76 | 79·8 |
| 29 | 76 | 73 | 77 | 76 | 85 | 82 | 82 | 93 | 89 | 85 | 87 | 81 | 72 | 76 | 75 | 72 | 80 | 72 | 79 | 71 | 77 | 85 | 86 | 83 | 79 | 83 | 79·9 |
| 30 | 83 | 88 | 92 | 94 | 95 | 94 | 95 | 98 | 100 | 100 | 98 | 99 | 100 | 99 | 94 | 90 | 80 | 84 | 84 | 79 | 79 | 79 | 82 | 86 | 84 | 90·5 |
| 31 | 84 | 81 | 80 | 80 | 74 | 79 | 76 | 76 | 80 | 88 | 84 | 90 | 92 | 96 | 94 | 96 | 94 | 88 | 95 | 94 | 92 | 89 | 89 | 90 | 92 | 86·9 |
| Mean ... | 85·9 | 86·7 | 87·3 | 87·0 | 88·2 | 87·1 | 87·4 | 87·0 | 88·1 | 88·0 | 87·2 | 86·3 | 85·9 | 85·1 | 84·5 | 85·2 | 85·1 | 84·5 | 84·8 | 84·8 | 85·6 | 86·5 | 86·4 | 85·7 | 86·1 | 86·3 |
| Mean, 1886–1905. | 86·4 | 86·3 | 86·7 | 86·7 | 86·9 | 86·8 | 86·9 | 87·0 | 86·9 | 86·6 | 86·6 | 85·9 | 85·2 | 84·2 | 83·8 | 83·9 | 84·4 | 85·3 | 85·8 | 86·0 | 86·0 | 86·3 | 86·1 | 86·2 | 86·4 | 86·0 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. JANUARY, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. JANUARY, 1908.

| Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·394 | 0·114 | 40·9 | 32·7 | 9 | 0·131 | 9·728 | 36·8 | 27·8 | 17 | 9·553 | 9·244 | 51·6 | 42·0 | 25 | 0·202 | 9·650 | 45·4 | 36·5 |
| 2 | **0·438** | 0·381 | 34·8 | 28·9 | 10 | 0·152 | 9·968 | 36·8 | 30·4 | 18 | 0·134 | 9·436 | 45·9 | 35·5 | 26 | 9·785 | 9·400 | 45·8 | 35·6 |
| 3 | 0·396 | 0·263 | 35·8 | 27·4 | 11 | 9·977 | 9·861 | 42·8 | 35·2 | 19 | 0·104 | 9·873 | 42·1 | 35·8 | 27 | 9·587 | 9·073 | 51·8 | 36·8 |
| 4 | 0·263 | 0·142 | 39·0 | 35·2 | 12 | 0·021 | 9·869 | 39·2 | 33·5 | 20 | 0·249 | 0·025 | 42·8 | 34·8 | 28 | 9·485 | **8·939** | 40·9 | 34·9 |
| 5 | 0·142 | 9·788 | 38·6 | 30·3 | 13 | 0·003 | 9·892 | 39·1 | 31·6 | 21 | 0·186 | 0·082 | 43·7 | 34·8 | 29 | 9·992 | 9·485 | 38·6 | 32·8 |
| 6 | 9·788 | 9·026 | 50·7 | 36·6 | 14 | 9·981 | 9·831 | 44·9 | 36·4 | 22 | 0·151 | 0·057 | 37·4 | **26·4** | 30 | 9·973 | 9·485 | 42·4 | 32·1 |
| 7 | 9·485 | 9·177 | 42·3 | 36·8 | 15 | 9·831 | 9·307 | 45·9 | 42·8 | 23 | 0·339 | 0·093 | 45·6 | 34·8 | 31 | 9·493 | 9·325 | 40·6 | 31·8 |
| 8 | 9·735 | 9·197 | 38·8 | 33·6 | 16 | 9·601 | 9·148 | **52·3** | 38·9 | 24 | 0·422 | 0·202 | 42·9 | 30·7 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 42·5 | 34·0 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. JANUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·114 | 0·118 | 0·132 | 0·141 | 0·149 | 0·157 | 0·171 | 0·184 | 0·205 | 0·221 | 0·246 | 0·264 | 0·274 | 0·276 | 0·286 | 0·295 | 0·307 | 0·327 | 0·342 | 0·356 | 0·361 | 0·370 | 0·386 | 0·391 | 0·394 | 0·259 |
| 2 | 0·394 | 0·395 | 0·394 | 0·396 | 0·399 | 0·399 | 0·403 | 0·406 | 0·412 | 0·419 | 0·432 | 0·429 | 0·422 | 0·409 | 0·393 | 0·382 | 0·393 | 0·398 | 0·399 | 0·397 | 0·397 | 0·394 | 0·389 | 0·391 | 0·396 | 0·402 |
| 3 | 0·396 | 0·395 | 0·390 | 0·380 | 0·379 | 0·366 | 0·368 | 0·370 | 0·367 | 0·373 | 0·374 | 0·364 | 0·352 | 0·341 | 0·336 | 0·322 | 0·322 | 0·309 | 0·306 | 0·300 | 0·289 | 0·282 | 0·277 | 0·271 | 0·263 | 0·340 |
| 4 | 0·263 | 0·253 | 0·247 | 0·241 | 0·237 | 0·229 | 0·214 | 0·219 | 0·220 | 0·226 | 0·231 | 0·224 | 0·215 | 0·202 | 0·192 | 0·185 | 0·184 | 0·186 | 0·185 | 0·176 | 0·172 | 0·169 | 0·162 | 0·149 | 0·142 | 0·205 |
| 5 | 0·142 | 0·135 | 0·130 | 0·125 | 0·108 | 0·105 | 0·104 | 0·099 | 0·094 | 0·095 | 0·090 | 0·068 | 0·033 | 0·002 | 9·978 | 9·985 | 9·965 | 9·958 | 9·957 | 9·924 | 9·900 | 9·900 | 9·875 | 9·841 | 9·788 | 0·018 |
| 6 | 9·788 | 9·710 | 9·639 | 9·576 | 9·485 | 9·438 | 9·354 | 9·307 | 9·272 | 9·217 | 9·139 | 9·101 | 9·078 | 9·033 | 9·053 | 9·044 | 9·085 | 9·092 | 9·151 | 9·179 | 9·268 | 9·326 | 9·387 | 9·432 | 9·448 | 9·291 |
| 7 | 9·448 | 9·469 | 9·475 | 9·480 | 9·472 | 9·467 | 9·462 | 9·449 | 9·445 | 9·437 | 9·421 | 9·400 | 9·378 | 9·347 | 9·317 | 9·296 | 9·269 | 9·252 | 9·227 | 9·209 | 9·190 | 9·177 | 9·181 | 9·184 | 9·197 | 9·347 |
| 8 | 9·197 | 9·209 | 9·216 | 9·229 | 9·250 | 9·272 | 9·312 | 9·348 | 9·385 | 9·416 | 9·453 | 9·484 | 9·509 | 9·515 | 9·538 | 9·561 | 9·578 | 9·590 | 9·614 | 9·633 | 9·651 | 9·667 | 9·684 | 9·698 | 9·735 | 9·470 |
| 9 | 9·735 | 9·736 | 9·755 | 9·777 | 9·776 | 9·800 | 9·818 | 9·844 | 9·863 | 9·895 | 9·928 | 9·936 | 9·942 | 9·959 | 9·976 | 9·995 | 0·017 | 0·033 | 0·053 | 0·061 | 0·084 | 0·096 | 0·117 | 0·127 | 0·131 | 9·939 |
| 10 | 0·131 | 0·128 | 0·132 | 0·137 | 0·138 | 0·136 | 0·143 | 0·142 | 0·139 | 0·146 | 0·151 | 0·133 | 0·119 | 0·107 | 0·093 | 0·092 | 0·083 | 0·071 | 0·062 | 0·046 | 0·029 | 0·017 | 0·010 | 9·993 | 9·972 | 0·096 |
| 11 | 9·972 | 9·969 | 9·971 | 9·954 | 9·937 | 9·931 | 9·925 | 9·919 | 9·916 | 9·918 | 9·918 | 9·907 | 9·900 | 9·882 | 9·886 | 9·873 | 9·875 | 9·873 | 9·872 | 9·868 | 9·876 | 9·870 | 9·876 | 9·876 | 9·884 | 9·905 |
| 12 | 9·884 | 9·878 | 9·879 | 9·874 | 9·881 | 9·891 | 9·901 | 9·916 | 9·931 | 9·945 | 9·974 | 9·984 | 9·985 | 9·984 | 9·983 | 9·981 | 9·984 | 9·995 | 9·996 | 0·010 | 0·016 | 0·019 | 0·020 | 0·016 | 0·003 | 9·958 |
| 13 | 0·003 | 9·980 | 9·978 | 9·963 | 9·947 | 9·929 | 9·929 | 9·925 | 9·936 | 9·926 | 9·933 | 9·933 | 9·912 | 9·899 | 9·900 | 9·915 | 9·907 | 9·915 | 9·940 | 9·943 | 9·952 | 9·976 | 9·967 | 9·970 | 9·970 | 9·940 |
| 14 | 9·970 | 9·976 | 9·968 | 9·964 | 9·970 | 9·968 | 9·958 | 9·957 | 9·968 | 9·969 | 9·972 | 9·966 | 9·923 | 9·916 | 9·900 | 9·899 | 9·896 | 9·894 | 9·897 | 9·892 | 9·893 | 9·878 | 9·861 | 9·845 | 9·831 | 9·926 |
| 15 | 9·831 | 9·804 | 9·767 | 9·730 | 9·717 | 9·718 | 9·692 | 9·677 | 9·672 | 9·655 | 9·646 | 9·638 | 9·624 | 9·612 | 9·602 | 9·581 | 9·581 | 9·560 | 9·534 | 9·491 | 9·455 | 9·447 | 9·379 | 9·327 | 9·310 | 9·603 |
| 16 | 9·310 | 9·248 | 9·236 | 9·208 | 9·175 | 9·155 | 9·156 | 9·156 | 9·184 | 9·193 | 9·212 | 9·235 | 9·288 | 9·321 | 9·380 | 9·426 | 9·475 | 9·517 | 9·559 | 9·583 | 9·596 | 9·583 | 9·597 | 9·567 | 9·552 | 9·353 |
| 17 | 9·552 | 9·520 | 9·498 | 9·465 | 9·421 | 9·401 | 9·404 | 9·396 | 9·403 | 9·397 | 9·377 | 9·356 | 9·326 | 9·284 | 9·280 | 9·267 | 9·254 | 9·278 | 9·288 | 9·321 | 9·330 | 9·349 | 9·356 | 9·365 | 9·436 | 9·368 |
| 18 | 9·436 | 9·520 | 9·593 | 9·649 | 9·656 | 9·742 | 9·810 | 9·883 | 9·959 | 9·999 | 0·042 | 0·069 | 0·094 | 0·092 | 0·099 | 0·107 | 0·123 | 0·125 | 0·131 | 0·120 | 0·125 | 0·119 | 0·110 | 0·107 | 0·104 | 9·962 |
| 19 | 0·104 | 0·099 | 0·090 | 0·067 | 0·059 | 0·040 | 0·019 | 0·010 | 0·004 | 0·007 | 9·991 | 9·966 | 9·942 | 9·907 | 9·887 | 9·887 | 9·890 | 9·893 | 9·908 | 9·922 | 9·944 | 9·967 | 9·990 | 0·005 | 0·025 | 9·981 |
| 20 | 0·025 | 0·052 | 0·076 | 0·109 | 0·126 | 0·132 | 0·159 | 0·174 | 0·204 | 0·221 | 0·230 | 0·248 | 0·246 | 0·248 | 0·235 | 0·231 | 0·229 | 0·226 | 0·227 | 0·199 | 0·178 | 0·160 | 0·123 | 0·133 | 0·134 | 0·177 |
| 21 | 0·134 | 0·126 | 0·122 | 0·102 | 0·091 | 0·082 | 0·094 | 0·116 | 0·129 | 0·146 | 0·154 | 0·159 | 0·164 | 0·163 | 0·171 | 0·171 | 0·169 | 0·179 | 0·182 | 0·179 | 0·177 | 0·166 | 0·164 | 0·145 | 0·149 | 0·146 |
| 22 | 0·149 | 0·147 | 0·140 | 0·139 | 0·134 | 0·132 | 0·127 | 0·125 | 0·137 | 0·140 | 0·136 | 0·144 | 0·130 | 0·103 | 0·089 | 0·080 | 0·083 | 0·096 | 0·096 | 0·094 | 0·075 | 0·066 | 0·074 | 0·081 | 0·093 | 0·112 |
| 23 | 0·093 | 0·098 | 0·100 | 0·114 | 0·118 | 0·108 | 0·118 | 0·123 | 0·136 | 0·148 | 0·158 | 0·168 | 0·161 | 0·160 | 0·173 | 0·178 | 0·190 | 0·206 | 0·235 | 0·248 | 0·280 | 0·290 | 0·308 | 0·324 | 0·339 | 0·182 |
| 24 | 0·339 | 0·352 | 0·360 | 0·365 | 0·368 | 0·379 | 0·381 | 0·390 | 0·408 | 0·417 | 0·422 | 0·414 | 0·399 | 0·383 | 0·363 | 0·349 | 0·340 | 0·335 | 0·326 | 0·314 | 0·292 | 0·269 | 0·251 | 0·222 | 0·202 | 0·349 |
| 25 | 0·202 | 0·170 | 0·130 | 0·097 | 0·060 | 0·017 | 9·979 | 9·926 | 9·927 | 9·901 | 9·858 | 9·835 | 9·767 | 9·711 | 9·711 | 9·650 | 9

## ABERDEEN. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. JANUARY, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 12 | 10 | 11 | 8 | 11 | 7 | 9 | 7 | 11 | 6 | 12 | 4 | — | 2 | — | 3 | 12 | 4 | — | 2 | — | 3 | 12 | 5 |
| 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 26 | 4 | 26 | 4 | — | 2 | — | 2 | — | 3 | 25 | 4 | 23 | 4 |
| 3 | — | 3 | 26 | 8 | 26 | 7 | 26 | 4 | 26 | 5 | 26 | 4 | — | 3 | — | 3 | 26 | 4 | 26 | 4 | 26 | 5 | 25 | 4 |
| 4 | 25 | 7 | 25 | 10 | 26 | 11 | 26 | 10 | 26 | 10 | 26 | 11 | 26 | 7 | 27 | 6 | 27 | 5 | 27 | 6 | 27 | 8 | 27 | 8 |
| 5 | — | 2 | — | 3 | 27 | 4 | — | 3 | 27 | 4 | 20 | 4 | 21 | 6 | — | 2 | — | 2 | 21 | 4 | 20 | 6 | 19 | 9 |
| 6 | 17 | 11 | 18 | 13 | 17 | 11 | 18 | 10 | 18 | 8 | 18 | 14 | 19 | 16 | 19 | 17 | 19 | 9 | 19 | 17 | 19 | 18 | 22 | 19 |
| 7 | 28 | 11 | 28 | 10 | 27 | 6 | 27 | 5 | 26 | 4 | 26 | 5 | 26 | 4 | 26 | 5 | 27 | 6 | — | 3 | — | 3 | 7 | 10 |
| 8 | 6 | 32 | 6 | 33 | 6 | 33 | 6 | 37 | 6 | 36 | 5 | 33 | 5 | 34 | 5 | 34 | 5 | 30 | 5 | 32 | 5 | 31 | | |
| 9 | 1 | 12 | 1 | 9 | 31 | 10 | 1 | 12 | 1 | 12 | 1 | 11 | 3 | 9 | 1 | 11 | 32 | 10 | 32 | 8 | 32 | 6 | 32 | 9 |
| 10 | — | 3 | 27 | 4 | 25 | 6 | 25 | 6 | 24 | 6 | 25 | 5 | — | 3 | 25 | 4 | 24 | 4 | — | 3 | 23 | 5 | 21 | 8 |
| 11 | 19 | 10 | 18 | 9 | 17 | 7 | 17 | 7 | 14 | 7 | 15 | 6 | 16 | 7 | 18 | 6 | 17 | 7 | 19 | 7 | 20 | 4 | 21 | 10 |
| 12 | 18 | 8 | 18 | 10 | 20 | 15 | 20 | 11 | 19 | 9 | 18 | 10 | 20 | 7 | 20 | 4 | — | 3 | 17 | 4 | 16 | 6 | 17 | 7 |
| 13 | 17 | 7 | 17 | 7 | 17 | 4 | 17 | 4 | 17 | 5 | 18 | 4 | 19 | 4 | 18 | 7 | 16 | 10 | 17 | 9 | 16 | 7 | 16 | 8 |
| 14 | — | 2 | — | 2 | 19 | 4 | 19 | 4 | 20 | 7 | 19 | 9 | 18 | 4 | 18 | 7 | 18 | 6 | 19 | 6 | 18 | 7 | | |
| 15 | 18 | 6 | 16 | 11 | 17 | 13 | 17 | 13 | 18 | 8 | 17 | 10 | 15 | 10 | 16 | 8 | 16 | 6 | 17 | 4 | 20 | 7 | 19 | 15 |
| 16 | 19 | 18 | 19 | 10 | 19 | 11 | 20 | 18 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 20 | 20 | 18 | 20 | 16 | 20 | 17 | 22 | 18 |
| 17 | 17 | 6 | 16 | 7 | 16 | 8 | 17 | 9 | 16 | 6 | 18 | 11 | 17 | 7 | 17 | 10 | 18 | 7 | 17 | 5 | 20 | 10 | 18 | 12 |
| 18 | 24 | 17 | 24 | 15 | 22 | 13 | 23 | 11 | 24 | 15 | 26 | 9 | 27 | 6 | 27 | 4 | 21 | 7 | 22 | 7 | 21 | 9 | 21 | 8 |
| 19 | — | 3 | 17 | 4 | 15 | 4 | 19 | 4 | 21 | 6 | 17 | 7 | 18 | 7 | 19 | 4 | 17 | 4 | 17 | 7 | 18 | 8 | 18 | 8 |
| 20 | — | 2 | — | 3 | 20 | 4 | 21 | 7 | 20 | 7 | 19 | 6 | 20 | 7 | 21 | 7 | 21 | 5 | 20 | 6 | 19 | 7 | 19 | 5 |
| 21 | 20 | 15 | 18 | 14 | 17 | 7 | 14 | 11 | 20 | 10 | 19 | 11 | 21 | 6 | 18 | 6 | 17 | 4 | 18 | 4 | — | 3 | 15 | 4 |
| 22 | 18 | 4 | — | 2 | 18 | 4 | — | 2 | — | 3 | — | 3 | 26 | 4 | 27 | 4 | — | 3 | 18 | 11 | 17 | 7 | 20 | 8 |
| 23 | 20 | 7 | 17 | 7 | 20 | 4 | 17 | 6 | 16 | 8 | — | 2 | 16 | 4 | 20 | 4 | 26 | 4 | 15 | 7 | — | 2 | 17 | 11 |
| 24 | 27 | 7 | 28 | 7 | 28 | 7 | 28 | 7 | 26 | 5 | 27 | 6 | 26 | 7 | 27 | 7 | 25 | 7 | 26 | 4 | 27 | 4 | 27 | 5 |
| 25 | 16 | 8 | 17 | 9 | 16 | 8 | 19 | 7 | 17 | 7 | 18 | 9 | 16 | 10 | 22 | 6 | 22 | 10 | 19 | 21 | 18 | 9 | 18 | 11 |
| 26 | 18 | 12 | 19 | 10 | 20 | 9 | 20 | 7 | 18 | 7 | 18 | 9 | 19 | 10 | 20 | 15 | 18 | 12 | 18 | 12 | 18 | 11 | 20 | 4 |
| 27 | 18 | 7 | 19 | 5 | 17 | 8 | 19 | 9 | 17 | 8 | 18 | 11 | 19 | 11 | 19 | 6 | 24 | 11 | 24 | 12 | 22 | 12 | 23 | 12 |
| 28 | 22 | 14 | 23 | 16 | 23 | 17 | 23 | 15 | 23 | 13 | 22 | 11 | 21 | 13 | 22 | 15 | 22 | 11 | 20 | 8 | 21 | 7 | 24 | 9 |
| 29 | 29 | 20 | 28 | 15 | 28 | 15 | 27 | 12 | 27 | 13 | 27 | 18 | 27 | 13 | 26 | 12 | 27 | 12 | 28 | 13 | 27 | 17 | 27 | 21 |
| 30 | 27 | 11 | 26 | 13 | 26 | 9 | 25 | 7 | 25 | 9 | 24 | 8 | 20 | 7 | 19 | 8 | 19 | 10 | 18 | 11 | 18 | 7 | 19 | 7 |
| 31 | 25 | 18 | 26 | 21 | 25 | 24 | 25 | 23 | 25 | 16 | 25 | 21 | 25 | 21 | 27 | 21 | 24 | 18 | 27 | 20 | 26 | 22 | 26 | 23 |
| Mean ... | — | 10 | — | 10 | — | 9 | — | 9 | — | 9 | — | 10 | — | 9 | — | 9 | — | 8 | — | 9 | — | 9 | — | 10 |
| Mean,* 1881–1905. | — | 10·1 | — | 10·1 | — | 10·0 | — | 10·0 | — | 10·1 | — | 10·3 | — | 10·3 | — | 10·5 | — | 10·6 | — | 10·3 | — | 10·6 | — | 11·0 |

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 26 | 4 | 26 | 4 | 26 | 5 | 26 | 4 | 26 | 4 | — | 3 | 26 | 4 | 26 | 4 | 26 | 4 | — | 1 | — | 2 | — | 2 | 4 | 1 |
| 2 | — | 2 | — | 3 | 24 | 7 | 24 | 4 | 24 | 5 | 25 | 9 | 26 | 9 | 27 | 9 | 27 | 9 | 27 | 8 | 27 | 6 | 27 | 5 | 5 | 2 |
| 3 | 25 | 4 | 24 | 4 | — | 2 | — | 3 | 24 | 4 | — | 3 | 24 | 4 | 25 | 7 | 26 | 7 | 25 | 7 | 25 | 8 | 25 | 7 | 5 | 3 |
| 4 | 27 | 6 | — | 3 | 27 | 6 | — | 2 | — | 3 | — | 2 | 27 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 6 | 4 |
| 5 | 19 | 15 | 19 | 10 | 19 | 7 | 18 | 7 | 19 | 11 | 18 | 14 | 19 | 12 | 20 | 16 | 18 | 9 | 18 | 8 | 20 | 14 | 19 | 12 | 8 | 5 |
| 6 | 22 | 23 | 24 | 26 | 24 | 29 | 24 | 29 | 24 | 33 | 26 | 40 | 26 | 41 | 26 | 29 | 27 | 24 | 27 | 20 | 27 | 14 | 28 | 11 | 20 | 6 |
| 7 | 9 | 11 | 9 | 11 | 11 | 18 | 10 | 18 | 9 | 22 | 8 | 29 | 8 | 30 | 7 | 32 | 8 | 34 | 7 | 33 | 7 | 34 | 7 | 33 | 16 | 7 |
| 8 | 5 | 28 | 4 | 22 | 1 | 15 | 1 | 10 | 32 | 10 | 32 | 10 | 2 | 9 | 31 | 10 | 31 | 12 | 31 | 7 | 31 | 9 | 32 | 11 | 23 | 8 |
| 9 | 32 | 7 | 32 | 7 | 32 | 8 | 32 | 7 | 32 | 7 | 30 | 7 | 29 | 9 | 29 | 8 | 29 | 8 | 29 | 6 | 28 | 7 | 9 | 9 | | |
| 10 | 21 | 10 | 21 | 9 | 21 | 9 | 20 | 8 | 20 | 10 | 19 | 5 | 18 | 4 | 19 | 11 | 19 | 8 | 19 | 5 | 18 | 4 | 18 | 9 | 6 | 10 |
| 11 | 19 | 10 | 19 | 10 | 18 | 8 | 19 | 9 | 18 | 7 | 15 | 7 | 18 | 10 | 15 | 7 | 16 | 6 | 18 | 10 | 20 | 12 | 18 | 12 | 8 | 11 |
| 12 | 18 | 6 | 19 | 7 | 19 | 7 | 18 | 12 | 19 | 9 | 17 | 7 | 17 | 7 | 17 | 8 | 19 | 9 | 19 | 7 | 19 | 7 | 19 | 7 | 8 | 12 |
| 13 | 19 | 12 | 18 | 6 | 17 | 7 | 16 | 12 | 17 | 11 | 18 | 8 | 16 | 9 | 18 | 8 | 18 | 11 | 17 | 10 | 20 | 7 | 19 | 6 | 8 | 13 |
| 14 | 18 | 7 | 19 | 5 | 15 | 6 | 16 | 7 | 19 | 7 | 19 | 6 | 19 | 5 | 17 | 5 | 16 | 7 | 18 | 10 | 16 | 9 | 15 | 5 | 6 | 14 |
| 15 | 19 | 12 | 18 | 10 | 19 | 10 | 18 | 10 | 18 | 11 | 14 | 6 | 19 | 17 | 18 | 21 | 17 | 13 | 15 | 12 | 16 | 12 | 16 | 11 | 11 | 15 |
| 16 | 22 | 17 | 23 | 13 | 24 | 11 | 25 | 7 | — | 3 | — | 3 | — | 3 | — | 2 | 19 | 4 | 19 | 6 | 20 | 7 | 16 | 5 | 12 | 16 |
| 17 | 19 | 20 | 16 | 15 | 18 | 12 | 19 | 15 | 19 | 11 | 21 | 14 | 20 | 15 | 20 | 16 | 20 | 18 | 20 | 21 | 20 | 23 | 22 | 21 | 12 | 17 |
| 18 | 21 | 7 | 21 | 7 | 18 | 4 | 20 | 7 | 17 | 4 | 20 | 6 | 20 | 4 | — | 2 | — | 2 | 21 | 4 | 20 | 6 | 21 | 4 | 7 | 18 |
| 19 | 17 | 10 | 19 | 15 | 18 | 12 | 16 | 10 | 18 | 9 | 20 | 10 | 21 | 9 | 23 | 7 | 23 | 6 | 23 | 4 | 26 | 4 | — | 2 | 7 | 19 |
| 20 | 19 | 7 | 19 | 7 | 19 | 7 | — | 3 | 18 | 7 | 15 | 6 | 17 | 8 | 18 | 10 | 20 | 15 | 20 | 21 | 20 | 18 | 19 | 15 | 8 | 20 |
| 21 | 18 | 6 | 17 | 7 | 19 | 8 | 18 | 12 | 19 | 7 | 19 | 7 | 19 | 4 | 18 | 4 | — | 3 | 19 | 5 | — | 3 | 18 | 4 | 7 | 21 |
| 22 | 15 | 14 | 16 | 10 | 15 | 12 | 15 | 12 | 17 | 12 | 16 | 9 | 17 | 7 | 17 | 9 | 18 | 7 | 18 | 4 | 16 | 4 | 25 | 4 | 7 | 22 |
| 23 | 16 | 7 | 21 | 4 | 17 | 4 | 18 | 7 | 19 | 10 | 18 | 6 | 19 | 7 | — | 2 | — | 3 | — | 2 | — | 2 | 26 | 4 | 5 | 23 |
| 24 | 27 | 5 | 27 | 4 | — | 2 | — | 2 | — | 3 | 16 | 4 | — | 3 | 16 | 5 | 16 | 9 | 16 | 9 | 15 | 10 | 15 | 9 | 6 | 24 |
| 25 | 17 | 14 | 19 | 18 | 18 | 11 | 22 | 15 | 20 | 12 | 22 | 13 | 21 | 12 | 22 | 12 | 22 | 13 | 21 | 14 | 20 | 13 | 20 | 12 | 11 | 25 |
| 26 | 24 | 7 | 25 | 15 | 25 | 18 | 25 | 18 | 25 | 20 | 26 | 21 | 24 | 12 | 23 | 10 | 25 | 12 | 20 | 7 | 18 | 7 | 18 | 4 | 11 | 26 |
| 27 | 23 | 17 | 23 | 19 | 25 | 20 | 23 | 17 | 23 | 15 | 22 | 15 | 23 | 11 | 23 | 11 | 22 | 12 | 22 | 15 | 23 | 14 | 22 | 14 | 12 | 27 |
| 28 | 27 | 14 | 28 | 10 | 30 | 10 | 31 | 10 | 29 | 9 | 29 | 12 | 30 | 15 | 30 | 15 | 30 | 15 | 29 | 14 | 28 | 15 | 28 | 15 | 13 | 28 |
| 29 | 28 | 19 | 28 | 19 | 29 | 19 | 29 | 18 | 29 | 18 | 28 | 17 | 28 | 15 | 28 | 15 | 28 | 13 | 27 | 12 | 28 | 12 | 26 | 8 | 15 | 29 |
| 30 | 26 | 11 | 26 | 15 | 23 | 9 | 24 | 7 | 23 | 10 | 22 | 10 | 25 | 12 | 26 | 16 | 23 | 13 | 23 | 10 | 24 | 13 | 25 | 21 | 11 | 30 |
| 31 | 27 | 23 | 26 | 29 | 26 | 30 | 26 | 30 | 26 | 29 | 26 | 29 | 26 | 30 | 26 | 32 | 26 | 32 | 26 | 29 | 27 | 24 | 27 | 25 | 25 | 31 |
| Mean ... | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 10 | — | 10 | — | 10 | 10 | |
| Mean,* 1881–1905. | — | 11·1 | — | 11·0 | — | 10·7 | — | 10·6 | — | 10·6 | — | 10·5 | — | 10·5 | — | 10·5 | — | 10·3 | — | 10·1 | — | 10·1 | — | 10·1 | 10·4 | Mean,* 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1898 being omitted.

## ABERDEEN. TABLE IV.—Rainfall in Hundredths of English Inches. JANUARY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 | 08 | — | 15 |
| 6 | 01 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 01 | 04 | 06 | 04 | 02 | 05 | 03 | 28 |
| 8 | 03 | 04 | 02 | 04 | 02 | 01 | 02 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 22 |
| 9 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | 02 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | 07 | — | — | — | — | — | — | — | 10 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 03 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 01 | — | — | 01 | — | — | — | — | — | — | 05 |
| 29 | 01 | — | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 30 | — | — | — | — | — | — | — | — | 01 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 31 | — | — | — | — | — | — | — | 01 | — | — | — | — | 02 | — | — | — | — | — | — | — | — | 01 | 01 | 01 | 16 |
| Sum ... | 06 | 06 | 05 | 05 | 03 | 01 | 02 | 02 | 02 | — | 02 | 01 | 04 | 01 | 02 | 02 | 08 | 02 | 05 | 06 | 04 | 10 | 15 | 05 | 1·12 |
| Average 1871–1905. | ·072 | ·096 | ·093 | ·103 | ·102 | ·108 | ·118 | ·120 | ·115 | ·095 | ·080 | ·090 | ·097 | ·074 | ·070 | ·077 | ·072 | ·079 | ·075 | ·086 | ·094 | ·081 | ·091 | ·082 | 2·170 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

## ABERDEEN. TABLE V.—Duration of Bright Sunshine in Hours. JANUARY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 2 | — | — | — | — | — | — | ·3 | — | — | ·1 | — | — | — | — | — | — | — | 0·4 | ●° early; cloudy, misty day; brightening |
| 3 | — | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | ·9 | ·2 | — | — | — | — | — | 4·9 | Cloudy to dull; ✳° at 24h. [in evening. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ⊂⊃°; bright and fine during day. |
| 5 | — | — | — | — | — | — | ·8 | 1·0 | ·5 | — | — | — | — | — | — | — | — | 2·3 | Cloudy to dull. |
| 6 | — | — | — | — | — | — | — | — | ·3 | 1·0 | 1·0 | ·2 | — | — | — | — | — | 2·5 | Bright and fine to overcast; ●² 22h.–23h. [very squally later. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●° early, then fine and bright till 14h.; |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● and ⫽ from 16h. |
| 9 | — | — | — | — | — | — | ·4 | — | ·5 | ·3 | — | — | — | — | — | — | — | 1·2 | ⫽ and ● early; clearing about 12h.; cloudy |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ✳°early; cloudy generally. [later, and ✳°. |
| 11 | — | — | — | — | — | ·2 | ·1 | ·5 | ·2 | ·6 | ·3 | — | — | — | — | — | — | 1·9 | Cloudy day; clearing in evening. |
| 12 | — | — | — | — | — | — | ·7 | ·9 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | — | — | 4·8 | Bright to cloudy. |
| 13 | — | — | — | — | — | — | — | ·6 | ·5 | ·3 | ·1 | — | — | — | — | — | — | 1·5 | Fine day; ⊂⊃° along horizon. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Rather cloudy, but fair. |
| 15 | — | — | — | — | — | — | ·2 | ·2 | ·7 | — | — | — | — | — | — | — | — | 1·1 | Dull all day; ≋° at times. |
| 16 | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | 5·5 | ●°, ≋°; dull early, then clearing; dull again in evening. |
| 17 | — | — | — | — | — | — | — | ·2 | ·1 | ·1 | — | — | — | — | — | — | — | 0·4 | Bright, but squally at times; ⋓ in evening. |
| 18 | — | — | — | — | — | ·4 | ·7 | 1·0 | 1·0 | 1·0 | ·8 | ·1 | — | — | — | — | — | 5·0 | Dull, with ●² at 17h.; then clearing. |
| 19 | — | — | — | — | — | — | ·3 | ·6 | ·1 | — | — | — | — | — | — | — | — | 1·0 | Fine and clear all day; ⊂⊃° at 18h. |
| 20 | — | — | — | — | — | ·2 | ·9 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | — | — | 4·4 | Bright to dull; clearing slightly at night. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bright and fine during day; cloudy later. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋°; cloudy to dull; clearing in evening. |
| 23 | — | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | — | 5·2 | ⌊⌋; cloudless all day; ≋° at times. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋°; very gloomy; clearing after 16h. |
| 25 | — | — | — | — | — | — | — | — | ·3 | — | — | — | — | — | — | — | — | 0·3 | Dull; ≋° at first, becoming ≋° after 12h. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy and dull till 15h., then clearing rapidly. |
| 27 | — | — | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·9 | ·5 | — | — | — | — | — | 3·9 | Dull to bright. [at times. |
| 28 | — | — | — | — | — | ·1 | ·9 | 1·0 | 1·0 | 1·0 | ·7 | ·6 | — | — | — | — | — | 5·3 | Bright generally, but squalls and showers |
| 29 | — | — | — | — | — | ·3 | — | ·3 | ·1 | — | — | — | — | — | — | — | — | 0·7 | Cloudy to dull; occasional showers of ● |
| 30 | — | — | — | — | — | — | ·3 | — | — | ·6 | ·9 | ·2 | — | — | — | — | — | 2·0 | ✳°, ●²; dull to bright in evening, [and sleet. |
| 31 | — | — | — | — | — | — | — | ·1 | ·2 | ·4 | ·6 | ·3 | — | — | — | — | — | 1·6 | ✳° showers early; dull to cloudy. |
| | — | — | — | — | — | 1·4 | 8·4 | 10·9 | 11·5 | 11·4 | 9·5 | 2·8 | — | — | — | — | — | 55·9 | ✳ showers frequently; very squally; < (sheet) 20h. 30m. to 22h. |
| | — | — | — | — | 0·01 | 1·74 | 6·36 | 9·18 | 9·42 | 9·41 | 7·70 | 2·76 | 0·08 | — | — | — | — | 46·65 | Total. |
| | | | | | | | | | | | | | | | | | | | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JANUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40°5 | 40°5 | 40°4 | 40°5 | 40°8 | 40°5 | 40°4 | 38°0 | 36°3 | 35°6 | 35°8 | 36°5 | 35°3 | 35°5 | 36°0 | 35°7 | 35°2 | 33°8 | 33°3 | 33°4 | 33°2 | 33°0 | 33°6 | 33°8 | 33°1 | 36°4 |
| 2 | 33°1 | 33°5 | 32°3 | 32°4 | 31°5 | 30°6 | 29°6 | 29°2 | 29°5 | 29°4 | 31°1 | 32°6 | 33°1 | 34°4 | 34°4 | 34°1 | 33°4 | 34°0 | 33°6 | 33°7 | 32°9 | 33°4 | 33°3 | 33°0 | 33°5 | 32°4 |
| 3 | 33°5 | 33°0 | 32°6 | 32°2 | 31°4 | 29°9 | 29°8 | 28°0 | 28°6 | 28°2 | 27°6 | 30°3 | 32°4 | 33°1 | 31°8 | 31°0 | 31°2 | 30°6 | 30°2 | 31°0 | 32°8 | 34°0 | 35°0 | 35°7 | 35°8 | 31°5 |
| 4 | 35°8 | 36°9 | 37°5 | 37°8 | 37°7 | 36°8 | 37°8 | 36°8 | 37°4 | 36°8 | 37°2 | 37°8 | 38°3 | 38°4 | 37°7 | 38°8 | 38°2 | 37°2 | 36°9 | 36°7 | 36°6 | 36°8 | 36°4 | 36°0 | 35°2 | 37°3 |
| 5 | 35°2 | 35°3 | 34°4 | 34°0 | 33°7 | 33°4 | 32°6 | 33°9 | 32°9 | 31°6 | 30°9 | 32°8 | 34°6 | 36°0 | 36°2 | 36°7 | 36°6 | 35°8 | 35°7 | 35°7 | 35°6 | 36°2 | 36°2 | 38°2 | 37°4 | 34°8 |
| 6 | 37°4 | 37°4 | 38°3 | 37°9 | 38°4 | 39°6 | 40°0 | 41°5 | 42°0 | 42°8 | 43°8 | 45°7 | 50°1 | 49°6 | 48°1 | 47°2 | 46°5 | 45°8 | 45°7 | 44°9 | 44°6 | 44°4 | 44°4 | 44°2 | 41°8 | 43°4 |
| 7 | 41°8 | 41°1 | 40°8 | 39°6 | 38°3 | 38°7 | 38°6 | 38°3 | 37°9 | 37°9 | 37°6 | 38°6 | 41°2 | 41°6 | 41°7 | 42°0 | 40°3 | 41°4 | 40°7 | 39°4 | 38°2 | 39°2 | 38°7 | 37°5 | 37°0 | 39°5 |
| 8 | 37°0 | 36°7 | 37°1 | 38°1 | 37°7 | 37°0 | 37°0 | 36°9 | 38°7 | 38°3 | 38°2 | 37°9 | 37°9 | 38°1 | 38°6 | 37°2 | 36°6 | 36°0 | 34°8 | 34°0 | 34°4 | 34°4 | 34°7 | 34°1 | 34°0 | 36°7 |
| 9 | 34°0 | 33°4 | 33°8 | 33°9 | 35°2 | 33°8 | 34°9 | 34°0 | 35°2 | 35°0 | 35°7 | 35°8 | 35°6 | 36°2 | 36°4 | 36°1 | 35°5 | 34°9 | 34°6 | 30°6 | 29°9 | 29°5 | 28°6 | 29°3 | 32°0 | 33°8 |
| 10 | 32°0 | 32°2 | 30°5 | 33°6 | 33°9 | 34°0 | 35°0 | 33°7 | 34°0 | 33°8 | 34°4 | 34°6 | 35°8 | 36°5 | 36°7 | 36°1 | 35°0 | 34°5 | 33°8 | 32°5 | 34°0 | 33°8 | 33°3 | 34°6 | 36°0 | 34°2 |
| 11 | 36°0 | 36°0 | 35°9 | 35°6 | 35°4 | 36°1 | 35°9 | 36°2 | 36°7 | 36°8 | 39°3 | 40°8 | 42°7 | 41°7 | 41°2 | 41°2 | 39°3 | 39°4 | 38°6 | 37°9 | 37°6 | 37°5 | 38°2 | 38°6 | 38°2 | 38°2 |
| 12 | 38°2 | 38°6 | 37°7 | 38°3 | 38°0 | 37°8 | 37°8 | 37°8 | 37°2 | 36°7 | 37°7 | 36°9 | 38°2 | 38°6 | 39°2 | 38°1 | 37°3 | 36°3 | 35°6 | 35°7 | 35°9 | 35°1 | 34°3 | 34°1 | 33°6 | 37°0 |
| 13 | 33°6 | 33°3 | 33°3 | 33°1 | 32°9 | 33°4 | 32°4 | 32°2 | 33°1 | 34°4 | 35°1 | 36°6 | 37°7 | 37°8 | 38°6 | 38°6 | 37°4 | 37°1 | 36°8 | 36°7 | 37°6 | 38°1 | 37°3 | 37°4 | 37°0 | 35°7 |
| 14 | 37°0 | 37°2 | 37°2 | 37°0 | 38°4 | 38°6 | 38°3 | 39°1 | 39°1 | 39°4 | 40°4 | 40°5 | 41°0 | 41°6 | 41°6 | 41°8 | 41°5 | 41°6 | 42°2 | 42°2 | 42°7 | 42°9 | 43°3 | 44°6 | 44°2 | 40°5 |
| 15 | 44°2 | 43°9 | 43°8 | 43°9 | 43°6 | 43°8 | 44°0 | 43°9 | 44°4 | 44°4 | 45°0 | 44°7 | 45°7 | 45°5 | 45°2 | 44°8 | 43°6 | 43°2 | 43°8 | 44°4 | 45°8 | 44°7 | 44°8 | 44°1 | 44°9 | 44°4 |
| 16 | 44°9 | 45°6 | 48°2 | 48°2 | 49°8 | 50°5 | 51°0 | 50°4 | 49°8 | 49°9 | 48°4 | 49°7 | 51°4 | 52°2 | 51°7 | 50°7 | 49°2 | 47°3 | 44°3 | 42°4 | 40°7 | 39°7 | 39°9 | 41°2 | 42°1 | 47°3 |
| 17 | 42°1 | 42°9 | 44°0 | 44°7 | 45°7 | 46°3 | 47°8 | 48°4 | 48°3 | 47°8 | 47°2 | 49°2 | 49°8 | 51°6 | 49°4 | 49°8 | 50°3 | 48°6 | 47°8 | 46°6 | 45°9 | 44°7 | 45°3 | 44°8 | 44°8 | 47°1 |
| 18 | 44°8 | 45°6 | 44°8 | 42°8 | 42°4 | 42°6 | 40°6 | 40°8 | 38°8 | 38°6 | 39°3 | 40°0 | 42°2 | 42°6 | 43°0 | 42°2 | 40°4 | 38°8 | 37°8 | 37°0 | 36°7 | 36°2 | 36°4 | 36°3 | 36°7 | 40°3 |
| 19 | 36°7 | 36°1 | 36°4 | 36°2 | 37°1 | 37°9 | 37°6 | 37°6 | 37°6 | 37°7 | 38°6 | 38°8 | 40°0 | 40°4 | 40°7 | 40°7 | 41°0 | 41°2 | 41°9 | 42°0 | 41°8 | 40°6 | 40°1 | 38°8 | 38°6 | 39°1 |
| 20 | 38°6 | 37°2 | 37°2 | 36°9 | 35°9 | 35°7 | 34°9 | 34°8 | 36°8 | 36°1 | 36°7 | 38°7 | 40°0 | 41°4 | 41°5 | 40°8 | 39°7 | 40°3 | 38°4 | 38°3 | 38°5 | 38°8 | 40°6 | 40°3 | 42°7 | 38°3 |
| 21 | 42°7 | 42°0 | 39°4 | 40°0 | 39°8 | 42°9 | 41°6 | 40°5 | 39°8 | 39°2 | 40°5 | 39°7 | 39°6 | 40°6 | 40°5 | 40°7 | 40°6 | 39°7 | 38°0 | 37°2 | 36°2 | 36°0 | 35°2 | 37°6 | 35°6 | 39°5 |
| 22 | 35°6 | 33°9 | 32°8 | 32°0 | 32°2 | 30°7 | 29°9 | 27°7 | 27°6 | 28°6 | 34°8 | 35°9 | 36°3 | 37°2 | 37°2 | 37°0 | 36°3 | 36°2 | 35°2 | 34°6 | 34°5 | 34°8 | 35°0 | 34°9 | 34°8 | 33°8 |
| 23 | 34°8 | 36°3 | 36°6 | 37°2 | 37°9 | 39°4 | 40°4 | 40°8 | 42°2 | 42°8 | 43°2 | 43°8 | 44°2 | 44°6 | 44°8 | 45°0 | 44°8 | 43°6 | 43°2 | 42°8 | 41°8 | 40°8 | 39°6 | 37°4 | 37°2 | 41°2 |
| 24 | 37°2 | 33°8 | 33°0 | 32°3 | 31°2 | 31°8 | 31°3 | 32°3 | 32°2 | 33°0 | 33°6 | 34°8 | 35°4 | 36°6 | 37°2 | 39°2 | 40°0 | 40°7 | 41°2 | 41°8 | 42°4 | 42°8 | 42°9 | 42°2 | 41°4 | 36°7 |
| 25 | 41°4 | 40°8 | 40°4 | 39°9 | 39°6 | 39°2 | 39°2 | 40°1 | 40°8 | 42°4 | 43°3 | 43°2 | 44°8 | 44°4 | 44°7 | 42°9 | 43°0 | 40°8 | 39°4 | 38°2 | 37°3 | 37°8 | 36°9 | 37°7 | 36°7 | 40°7 |
| 26 | 36°7 | 35°9 | 35°8 | 35°9 | 37°9 | 36°8 | 38°2 | 37°6 | 39°7 | 39°4 | 40°3 | 39°9 | 40°5 | 43°8 | 45°8 | 45°0 | 42°9 | 42°4 | 41°3 | 41°6 | 40°9 | 41°0 | 40°1 | 40°2 | 40°9 | 40°1 |
| 27 | 40°0 | 39°9 | 40°4 | 40°2 | 39°8 | 39°3 | 39°9 | 40°6 | 41°8 | 49°4 | 49°8 | 50°3 | 51°8 | 51°2 | 51°2 | 46°8 | 44°8 | 43°0 | 42°2 | 41°4 | 40°5 | 38°8 | 37°4 | 38°3 | 37°7 | 43°2 |
| 28 | 37°7 | 37°5 | 37°6 | 37°3 | 36°9 | 37°4 | 37°4 | 36°4 | 37°0 | 36°8 | 37°6 | 38°6 | 40°4 | 35°8 | 35°5 | 35°2 | 35°5 | 35°6 | 36°2 | 35°3 | 36°6 | 36°7 | 37°4 | 37°0 | 36°0 | 36°8 |
| 29 | 36°0 | 35°8 | 35°2 | 35°2 | 35°2 | 34°7 | 33°9 | 33°9 | 34°7 | 34°3 | 34°8 | 35°8 | 35°6 | 36°8 | 36°7 | 38°6 | 37°7 | 36°4 | 35°2 | 35°6 | 34°4 | 34°9 | 34°7 | 34°0 | 33°0 | 35°4 |
| 30 | 33°0 | 33°0 | 33°0 | 32°6 | 33°2 | 33°2 | 33°9 | 34°1 | 33°8 | 33°0 | 33°2 | 33°9 | 35°9 | 42°4 | 41°4 | 41°4 | 41°1 | 40°4 | 40°0 | 40°0 | 40°6 | 39°6 | 39°6 | 39°8 | 40°1 | 36°9 |
| 31 | 40°1 | 39°8 | 39°7 | 39°7 | 38°8 | 39°1 | 38°9 | 38°8 | 36°9 | 36°0 | 32°9 | 34°6 | 32°8 | 34°2 | 33°0 | 33°1 | 32°9 | 33°0 | 33°6 | 33°9 | 34°9 | 34°2 | 35°6 | 35°4 | 34°9 | 35°8 |
| Mean ... | 37°8 | 37°6 | 37°4 | 37°5 | 37°4 | 37°5 | 37°4 | 37°2 | 37°4 | 37°6 | 38°2 | 39°0 | 40°0 | 40°7 | 40°6 | 40°3 | 39°6 | 39°0 | 38°5 | 38°0 | 37°9 | 37°8 | 37°7 | 37°7 | 37°6 | 38°3 |
| Mean, 1871–1905. | 37°6 | 37°6 | 37°5 | 37°4 | 37°3 | 37°3 | 37°3 | 37°4 | 37°4 | 37°6 | 38°0 | 38°8 | 39°4 | 39°9 | 40°0 | 39°8 | 39°2 | 38°7 | 38°4 | 38°3 | 38°0 | 37°9 | 37°8 | 37°7 | 37°6 | 38°2 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JANUARY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 77 | 75 | 80 | 75 | 74 | 76 | 74 | 82 | 85 | 87 | 90 | 86 | 90 | 88 | 87 | 88 | 88 | 89 | 88 | 89 | 89 | 90 | 91 | 90 | 89 | 84·8 |
| 2 | 89 | 88 | 88 | 81 | 80 | 78 | 73 | 74 | 70 | 71 | 70 | 73 | 72 | 73 | 73 | 76 | 77 | 77 | 78 | 78 | 86 | 82 | 86 | 89 | 84 | 78·3 |
| 3 | 84 | 89 | 92 | 82 | 81 | 79 | 78 | 78 | 76 | 74 | 73 | 72 | 71 | 71 | 70 | 72 | 75 | 74 | 77 | 77 | 79 | 79 | 72 | 71 | 72 | 76·7 |
| 4 | 72 | 80 | 79 | 79 | 82 | 81 | 83 | 82 | 83 | 82 | 82 | 80 | 81 | 82 | 78 | 80 | 82 | 84 | 83 | 83 | 81 | 84 | 82 | 83 | 81·2 | |
| 5 | 83 | 83 | 83 | 81 | 82 | 85 | 77 | 67 | 69 | 64 | 59 | 48 | 50 | 56 | 65 | 63 | 65 | 69 | 70 | 78 | 82 | 83 | 86 | 88 | 87 | 72·5 |
| 6 | 87 | 91 | 90 | 89 | 89 | 92 | 90 | 90 | 91 | 92 | 91 | 88 | 67 | 64 | 60 | 59 | 62 | 65 | 65 | 69 | 70 | 73 | 73 | 84 | 85 | 78·7 |
| 7 | 85 | 85 | 87 | 89 | 91 | 91 | 91 | 91 | 89 | 86 | 84 | 71 | 72 | 78 | 78 | 80 | 85 | 84 | 89 | 92 | 88 | 92 | 93 | 95 | 95 | 86·5 |
| 8 | 95 | 95 | 92 | 88 | 90 | 93 | 86 | 89 | 73 | 74 | 67 | 65 | 65 | 63 | 59 | 65 | 68 | 72 | 83 | 91 | 87 | 83 | 81 | 76 | 79 | 78·9 |
| 9 | 79 | 86 | 81 | 80 | 72 | 78 | 71 | 79 | 70 | 72 | 69 | 69 | 66 | 65 | 65 | 65 | 70 | 73 | 75 | 60 | 61 | 57 | 60 | 66 | 70 | 70·2 |
| 10 | 70 | 78 | 75 | 70 | 69 | 75 | 67 | 70 | 69 | 69 | 69 | 75 | 67 | 65 | 68 | 71 | 74 | 71 | 70 | 76 | 73 | 74 | 76 | 75 | 77 | 71·7 |
| 11 | 77 | 82 | 83 | 83 | 84 | 82 | 85 | 86 | 84 | 85 | 78 | 73 | 68 | 73 | 73 | 75 | 79 | 78 | 79 | 81 | 80 | 81 | 79 | 78 | 79 | 79·4 |
| 12 | 79 | 78 | 79 | 77 | 77 | 79 | 77 | 80 | 82 | 76 | 81 | 77 | 76 | 77 | 75 | 70 | 78 | 78 | 81 | 82 | 82 | 79 | 77 | 73 | 74 | 78·1 |
| 13 | 74 | 67 | 69 | 72 | 74 | 78 | 73 | 59 | 62 | 64 | 61 | 68 | 62 | 56 | 58 | 61 | 70 | 68 | 75 | 79 | 80 | 74 | 83 | 85 | 86 | 69·9 |
| 14 | 86 | 87 | 88 | 90 | 88 | 87 | 89 | 90 | 91 | 91 | 89 | 87 | 86 | 85 | 86 | 87 | 88 | 88 | 90 | 90 | 91 | 92 | 91 | 90 | 89 | 88·7 |
| 15 | 89 | 91 | 92 | 93 | 91 | 91 | 90 | 92 | 91 | 91 | 91 | 88 | 80 | 79 | 81 | 78 | 76 | 77 | 76 | 78 | 74 | 79 | 82 | 90 | 92 | 85·0 |
| 16 | 92 | 89 | 84 | 88 | 85 | 82 | 79 | 70 | 69 | 67 | 80 | 69 | 63 | 62 | 63 | 64 | 66 | 72 | 76 | 81 | 82 | 84 | 86 | 82 | 88 | 76·4 |
| 17 | 88 | 89 | 91 | 94 | 95 | 95 | 91 | 91 | 94 | 94 | 94 | 93 | 87 | 83 | 88 | 85 | 83 | 92 | 80 | 74 | 69 | 78 | 65 | 68 | 69 | 85·5 |
| 18 | 69 | 65 | 61 | 72 | 74 | 73 | 80 | 68 | 70 | 70 | 68 | 67 | 63 | 63 | 61 | 70 | 70 | 77 | 74 | 77 | 77 | 77 | 78 | 78 | 82 | 71·2 |
| 19 | 82 | 84 | 86 | 88 | 87 | 86 | 86 | 86 | 86 | 88 | 85 | 84 | 81 | 81 | 80 | 79 | 79 | 80 | 81 | 82 | 78 | 78 | 73 | 75 | 74 | 82·1 |
| 20 | 74 | 74 | 75 | 75 | 73 | 76 | 73 | 76 | 77 | 71 | 69 | 69 | 71 | 74 | 76 | 73 | 87 | 87 | 85 | 77 | 64 | 63 | 54 | 74·1 | | |
| 21 | 54 | 55 | 65 | 59 | 64 | 53 | 59 | 61 | 64 | 69 | 60 | 68 | 72 | 66 | 70 | 70 | 72 | 75 | 77 | 79 | 78 | 75 | 75 | 68 | 68 | 67·3 |
| 22 | 68 | 72 | 76 | 77 | 78 | 75 | 76 | 71 | 68 | 72 | 73 | 70 | 77 | 79 | 79 | 80 | 80 | 82 | 81 | 81 | 82 | 81 | 84 | 87 | 88 | 77·5 |
| 23 | 88 | 86 | 86 | 87 | 89 | 89 | 91 | 89 | 89 | 89 | 88 | 88 | 87 | 86 | 88 | 86 | 89 | 90 | 91 | 91 | 91 | 91 | 93 | 94 | 88·9 | |
| 24 | 94 | 98 | 95 | 93 | 94 | 91 | 90 | 97 | 97 | 89 | 83 | 90 | 90 | 91 | 89 | 91 | 95 | 94 | 97 | 96 | 94 | 92 | 91 | 93 | 94 | 92·7 |
| 25 | 94 | 96 | 95 | 96 | 95 | 96 | 96 | 96 | 94 | 86 | 83 | 85 | 79 | 81 | 80 | 74 | 66 | 73 | 73 | 71 | 72 | 67 | 67 | 69 | 74 | 82·3 |
| 26 | 74 | 79 | 82 | 84 | 75 | 81 | 74 | 79 | 77 | 85 | 81 | 83 | 81 | 73 | 63 | 65 | 72 | 66 | 73 | 69 | 69 | 69 | 69 | 70 | 70 | 74·6 |
| 27 | 70 | 71 | 72 | 76 | 80 | 88 | 88 | 86 | 85 | 74 | 68 | 67 | 63 | 62 | 60 | 67 | 66 | 66 | 70 | 72 | 71 | 76 | 78 | 69 | 70 | 72·7 |
| 28 | 70 | 69 | 64 | 65 | 66 | 67 | 70 | 78 | 73 | 75 | 74 | 70 | 65 | 87 | 91 | 91 | 85 | 80 | 77 | 86 | 79 | 77 | 71 | 74 | 79 | 75·4 |
| 29 | 79 | 79 | 80 | 78 | 76 | 77 | 81 | 86 | 83 | 79 | 81 | 74 | 69 | 71 | 75 | 78 | 64 | 68 | 75 | 79 | 80 | 85 | 82 | 71 | 84 | 89 | 78·0 |
| 30 | 89 | 83 | 84 | 84 | 81 | 81 | 77 | 76 | 79 | 84 | 87 | 81 | 83 | 76 | 75 | 72 | 71 | 76 | 75 | 72 | 67 | 72 | 71 | 66 | 63 | 77·1 |
| 31 | 63 | 65 | 68 | 67 | 74 | 69 | 72 | 69 | 76 | 80 | 95 | 78 | 91 | 78 | 72 | 72 | 70 | 69 | 70 | 69 | 73 | 78 | 70 | 75 | 79 | 73·8 |
| Mean ... | 79·8 | 80·9 | 81·4 | 81·1 | 80·9 | 81·4 | 80·4 | 80·2 | 79·3 | 79·5 | 78·3 | 76·4 | 74·0 | 73·6 | 73·7 | 74·1 | 75·6 | 76·9 | 78·5 | 79·6 | 79·4 | 79·0 | 78·3 | 78·9 | 79·9 | 78·4 |
| Mean, 1886–1905. | 80·8 | 81·1 | 81·3 | 81·4 | 81·4 | 81·9 | 82·0 | 81·9 | 82·0 | 81·8 | 81·2 | 80·0 | 78·8 | 78·3 | 77·9 | 78·4 | 79·9 | 80·5 | 80·8 | 81·1 | 81·1 | 81·0 | 81·0 | 81·1 | 80·8 | 80·7 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. JANUARY, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity.—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. JANUARY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·945 | 9·623 | 40·5 | 35·4 | 9 | 9·909 | 9·457 | 41·0 | 33·0 | 17 | 0·030 | 9·803 | **53·9** | 44·3 | 25 | 0·301 | 0·158 | 50·7 | 46·9 |
| 2 | 0·027 | 9·945 | 38·6 | 31·6 | 10 | 0·270 | 9·909 | 34·9 | 29·2 | 18 | 0·169 | 0·030 | 47·4 | 42·3 | 26 | 0·301 | 0·024 | 50·9 | 47·1 |
| 3 | 9·989 | 9·929 | 33·6 | **27·9** | 11 | 0·280 | 0·107 | 38·2 | 28·4 | 19 | 0·156 | 0·038 | 49·0 | 42·0 | 27 | 0·024 | 9·991 | **52·3** | 46·7 |
| 4 | 0·113 | 9·951 | 35·3 | 28·6 | 12 | 0·107 | 9·857 | 43·0 | 37·6 | 20 | **0·365** | 0·148 | 45·7 | 40·9 | 28 | 9·993 | 9·493 | 48·0 | 41·7 |
| 5 | 0·238 | 0·113 | 41·7 | 32·9 | 13 | 9·946 | 9·837 | 47·5 | 42·1 | 21 | 0·353 | 0·172 | 44·6 | 41·4 | 29 | 0·083 | 9·507 | 44·2 | 38·9 |
| 6 | 0·162 | 9·768 | 50·9 | 40·1 | 14 | 0·042 | 9·946 | 49·2 | 46·9 | 22 | 0·163 | 0·107 | 48·2 | 40·7 | 30 | 0·141 | 9·938 | 47·1 | 37·1 |
| 7 | 9·768 | **8·926** | 50·7 | 40·0 | 15 | 9·987 | 9·871 | 53·2 | 48·5 | 23 | 0·236 | 0·155 | 49·2 | 47·1 | 31 | 9·988 | 9·835 | 47·3 | 42·8 |
| 8 | 9·457 | 9·162 | 43·2 | 39·6 | 16 | 9·871 | 9·811 | 51·2 | 49·9 | 24 | 0·246 | 0·184 | 49·3 | 46·5 | Mean | — | — | 45·8 | 39·9 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. JANUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·623 | 9·623 | 9·627 | 9·641 | 9·643 | 9·643 | 9·665 | 9·681 | 9·705 | 9·727 | 9·749 | 9·771 | 9·769 | 9·769 | 9·777 | 9·791 | 9·823 | 9·833 | 9·863 | 9·871 | 9·889 | 9·901 | 9·925 | 9·929 | 9·945 | 9·767 |
| 2 | 9·945 | 9·949 | 9·951 | 9·967 | 9·967 | 9·969 | 9·969 | 9·979 | 9·989 | 9·999 | 0·021 | 0·022 | 0·024 | 0·014 | 0·006 | 9·994 | 9·998 | 9·996 | 9·996 | 9·998 | 9·996 | 9·988 | 9·986 | 9·982 | 9·982 | 9·989 |
| 3 | 9·982 | 9·972 | 9·962 | 9·958 | 9·964 | 9·958 | 9·954 | 9·952 | 9·956 | 9·974 | 9·986 | 9·989 | 9·977 | 9·963 | 9·949 | 9·937 | 9·929 | 9·937 | 9·943 | 9·943 | 9·951 | 9·953 | 9·957 | 9·953 | 9·951 | 9·958 |
| 4 | 9·951 | 9·951 | 9·955 | 9·963 | 9·967 | 9·971 | 9·971 | 9·977 | 9·989 | 0·003 | 0·019 | 0·027 | 0·023 | 0·015 | 0·017 | 0·027 | 0·031 | 0·049 | 0·073 | 0·085 | 0·081 | 0·079 | 0·095 | 0·113 | 0·017 | |
| 5 | 0·113 | 0·127 | 0·125 | 0·139 | 0·155 | 0·155 | 0·165 | 0·169 | 0·177 | 0·195 | 0·225 | 0·228 | 0·240 | 0·226 | 0·220 | 0·220 | 0·216 | 0·228 | 0·238 | 0·228 | 0·220 | 0·208 | 0·192 | 0·180 | 0·162 | 0·192 |
| 6 | 0·162 | 0·138 | 0·114 | 0·092 | 0·058 | 0·032 | 0·004 | 9·992 | 9·980 | 9·976 | 9·992 | 9·988 | 9·966 | 9·934 | 9·916 | 9·900 | 9·880 | 9·876 | 9·874 | 9·870 | 9·848 | 9·826 | 9·816 | 9·794 | 9·768 | 9·951 |
| 7 | 9·768 | 9·726 | 9·708 | 9·666 | 9·620 | 9·564 | 9·516 | 9·480 | 9·444 | 9·412 | 9·376 | 9·338 | 9·282 | 9·212 | 9·136 | 9·066 | 8·990 | 8·938 | 8·936 | 8·984 | 9·050 | 9·000 | 9·128 | 9·146 | 9·168 | 9·303 |
| 8 | 9·168 | 9·162 | 9·170 | 9·174 | 9·176 | 9·178 | 9·192 | 9·194 | 9·204 | 9·206 | 9·206 | 9·213 | 9·223 | 9·229 | 9·229 | 9·245 | 9·257 | 9·283 | 9·299 | 9·327 | 9·371 | 9·389 | 9·421 | 9·439 | 9·457 | 9·254 |
| 9 | 9·457 | 9·469 | 9·493 | 9·505 | 9·527 | 9·535 | 9·547 | 9·559 | 9·571 | 9·585 | 9·613 | 9·615 | 9·621 | 9·623 | 9·639 | 9·647 | 9·669 | 9·691 | 9·729 | 9·753 | 9·789 | 9·819 | 9·861 | 9·883 | 9·909 | 9·643 |
| 10 | 9·909 | 9·931 | 9·947 | 9·975 | 9·991 | 0·007 | 0·033 | 0·059 | 0·087 | 0·119 | 0·151 | 0·164 | 0·166 | 0·172 | 0·166 | 0·172 | 0·180 | 0·194 | 0·214 | 0·228 | 0·254 | 0·262 | 0·266 | 0·270 | 0·268 | 0·129 |
| 11 | 0·268 | 0·268 | 0·280 | 0·274 | 0·272 | 0·266 | 0·264 | 0·258 | 0·254 | 0·258 | 0·266 | 0·257 | 0·237 | 0·215 | 0·201 | 0·193 | 0·181 | 0·171 | 0·165 | 0·171 | 0·159 | 0·147 | 0·135 | 0·121 | 0·107 | 0·217 |
| 12 | 0·107 | 0·089 | 0·071 | 0·055 | 0·031 | 0·009 | 9·993 | 9·981 | 9·979 | 9·981 | 9·979 | 9·965 | 9·951 | 9·935 | 9·917 | 9·901 | 9·881 | 9·873 | 9·865 | 9·859 | 9·863 | 9·863 | 9·859 | 9·859 | 9·857 | 9·948 |
| 13 | 9·857 | 9·849 | 9·843 | 9·845 | 9·847 | 9·845 | 9·839 | 9·837 | 9·849 | 9·863 | 9·869 | 9·878 | 9·874 | 9·868 | 9·870 | 9·870 | 9·888 | 9·890 | 9·908 | 9·922 | 9·926 | 9·932 | 9·938 | 9·940 | 9·946 | 9·879 |
| 14 | 9·946 | 9·946 | 9·956 | 9·972 | 9·972 | 9·966 | 9·982 | 9·994 | 0·010 | 0·022 | 0·042 | 0·037 | 0·029 | 0·011 | 0·003 | 9·995 | 9·991 | 9·997 | 9·997 | 0·001 | 0·003 | 9·995 | 9·989 | 9·987 | 9·995 | |
| 15 | 9·987 | 9·977 | 9·969 | 9·963 | 9·951 | 9·939 | 9·933 | 9·937 | 9·949 | 9·953 | 9·955 | 9·967 | 9·961 | 9·945 | 9·917 | 9·903 | 9·911 | 9·913 | 9·907 | 9·907 | 9·911 | 9·901 | 9·895 | 9·885 | 9·871 | 9·932 |
| 16 | 9·871 | 9·845 | 9·837 | 9·821 | 9·819 | 9·817 | 9·817 | 9·815 | 9·819 | 9·825 | 9·841 | 9·835 | | 9·819 | 9·811 | 9·815 | 9·821 | 9·831 | 9·839 | 9·837 | 9·841 | 9·835 | 9·823 | 9·827 | 9·827 | |
| 17 | 9·827 | 9·823 | 9·831 | 9·825 | 9·827 | 9·819 | 9·809 | 9·805 | 9·815 | 9·823 | 9·829 | 9·828 | 9·820 | 9·820 | 9·822 | 9·820 | 9·842 | 9·852 | 9·882 | 9·904 | 9·944 | 9·968 | 0·002 | 0·020 | 0·036 | 9·861 |
| 18 | 0·030 | 0·036 | 0·054 | 0·074 | 0·084 | 0·098 | 0·108 | 0·120 | 0·140 | 0·154 | 0·168 | 0·169 | 0·169 | 0·153 | 0·145 | 0·141 | 0·143 | 0·139 | 0·141 | 0·129 | 0·131 | 0·129 | 0·127 | 0·107 | 0·124 | |
| 19 | 0·107 | 0·095 | 0·083 | 0·073 | 0·061 | 0·053 | 0·053 | 0·055 | 0·057 | 0·065 | 0·075 | 0·076 | 0·066 | 0·048 | 0·040 | 0·040 | 0·050 | 0·064 | 0·082 | 0·092 | 0·108 | 0·114 | 0·130 | 0·140 | 0·156 | 0·077 |
| 20 | 0·156 | 0·152 | 0·162 | 0·170 | 0·188 | 0·208 | 0·232 | 0·242 | 0·268 | 0·294 | 0·318 | 0·333 | 0·337 | 0·337 | 0·333 | 0·333 | 0·345 | 0·351 | 0·363 | 0·363 | 0·365 | 0·359 | 0·353 | 0·353 | 0·293 | |
| 21 | 0·353 | 0·343 | 0·337 | 0·335 | 0·325 | 0·321 | 0·319 | 0·313 | 0·319 | 0·319 | 0·327 | 0·318 | 0·298 | 0·278 | 0·260 | 0·252 | 0·236 | 0·232 | 0·232 | 0·222 | 0·212 | 0·198 | 0·194 | 0·176 | 0·172 | 0·276 |
| 22 | 0·172 | 0·150 | 0·144 | 0·138 | 0·134 | 0·124 | 0·112 | 0·110 | 0·114 | 0·110 | 0·130 | 0·131 | 0·121 | 0·111 | 0·109 | 0·107 | 0·113 | 0·115 | 0·127 | 0·137 | 0·143 | 0·145 | 0·163 | 0·163 | 0·161 | 0·130 |
| 23 | 0·161 | 0·155 | 0·159 | 0·159 | 0·165 | 0·165 | 0·173 | 0·187 | 0·199 | 0·203 | 0·221 | 0·224 | 0·220 | 0·210 | 0·204 | 0·204 | 0·210 | 0·210 | 0·226 | 0·228 | 0·236 | 0·234 | 0·230 | 0·232 | 0·226 | 0·202 |
| 24 | 0·226 | 0·220 | 0·220 | 0·218 | 0·218 | 0·214 | 0·208 | 0·204 | 0·218 | 0·224 | 0·240 | 0·244 | 0·236 | 0·224 | 0·208 | 0·200 | 0·196 | 0·204 | 0·208 | 0·200 | 0·200 | 0·196 | 0·194 | 0·192 | 0·184 | 0·212 |
| 25 | 0·184 | 0·170 | 0·162 | 0·162 | 0·162 | 0·158 | 0·158 | 0·164 | 0·190 | 0·218 | 0·250 | 0·261 | 0·259 | 0·247 | 0·257 | 0·259 | 0·267 | 0·267 | 0·271 | 0·285 | 0·285 | 0·301 | 0·301 | 0·299 | 0·301 | 0·233 |
| 26 | 0·301 | 0·293 | 0·289 | 0·281 | 0·277 | 0·259 | 0·237 | 0·235 | 0·221 | 0·197 | 0·201 | 0·192 | 0·174 | 0·140 | 0·114 | 0·104 | 0·096 | 0·096 | 0·076 | 0·060 | 0·066 | 0·056 | 0·050 | 0·042 | 0·024 | 0·163 |
| 27 | 0·024 | 0·016 | 9·998 |

**FALMOUTH.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. **JANUARY, 1908.**

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 5 | 12 | 5 | 12 | 5 | 12 | 4 | 15 | 4 | 14 | 4 | 14 | 3 | 15 | 4 | 14 | 4 | 12 | 4 | 12 | 4 | 10 | 6 | 10 |
| 2 | 3 | 11 | 4 | 14 | 5 | 14 | 5 | 17 | 4 | 18 | 4 | 16 | 4 | 16 | 4 | 18 | 5 | 17 | 5 | 15 | 5 | 16 | 6 | 14 |
| 3 | 5 | 17 | 4 | 18 | 4 | 18 | 5 | 15 | 5 | 16 | 4 | 16 | 4 | 16 | 4 | 15 | 3 | 14 | 4 | 13 | 4 | 12 | 4 | 14 |
| 4 | 3 | 10 | 3 | 11 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 10 | 3 | 10 | 3 | 9 | 2 | 8 | 2 | 8 |
| 5 | — | 3 | — | 2 | — | 2 | 29 | 5 | 27 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 2 |
| 6 | 18 | 10 | 18 | 11 | 18 | 14 | 18 | 14 | 19 | 15 | 19 | 17 | 20 | 18 | 20 | 18 | 21 | 16 | 21 | 12 | 21 | 15 | 21 | 15 |
| 7 | 20 | 17 | 19 | 18 | 19 | 21 | 19 | 21 | 19 | 21 | 18 | 23 | 19 | 23 | 19 | 22 | 19 | 19 | 19 | 17 | 19 | 18 | 18 | 14 |
| 8 | 27 | 24 | 26 | 26 | 26 | 26 | 26 | 26 | 27 | 26 | 27 | 28 | 26 | 27 | 26 | 26 | 26 | 26 | 23 | 26 | 24 | 28 | 22 | 22 |
| 9 | 32 | 12 | 32 | 12 | 1 | 10 | 1 | 10 | 1 | 9 | 1 | 10 | 1 | 10 | 2 | 12 | 2 | 11 | 1 | 12 | 1 | 12 | 2 | 12 |
| 10 | 2 | 9 | 2 | 10 | 2 | 10 | 2 | 9 | 1 | 9 | 2 | 12 | 2 | 8 | 2 | 10 | 2 | 7 | 2 | 8 | 2 | 7 | 2 | 10 |
| 11 | 2 | 4 | 2 | 5 | 2 | 6 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 5 | 2 | 5 | 1 | 5 | 1 | 4 |
| 12 | 12 | 10 | 12 | 10 | 11 | 9 | 11 | 9 | 11 | 10 | 11 | 11 | 11 | 10 | 11 | 12 | 11 | 12 | 11 | 13 | 11 | 12 | 11 | 12 |
| 13 | 14 | 10 | 13 | 9 | 13 | 10 | 13 | 8 | 13 | 7 | 13 | 9 | 13 | 8 | 12 | 8 | 11 | 8 | 13 | 9 | 13 | 9 | 14 | 7 |
| 14 | 17 | 6 | 17 | 5 | 17 | 6 | 18 | 7 | 18 | 4 | 16 | 4 | 16 | 4 | 16 | 5 | 15 | 4 | 15 | 5 | 15 | 5 | 15 | 6 |
| 15 | 18 | 10 | 17 | 10 | 17 | 10 | 17 | 10 | 17 | 10 | 17 | 11 | 17 | 10 | 18 | 13 | 18 | 15 | 18 | 12 | 17 | 15 | 18 | 15 |
| 16 | 19 | 25 | 19 | 27 | 19 | 26 | 19 | 25 | 19 | 23 | 19 | 21 | 19 | 23 | 19 | 22 | 19 | 23 | 19 | 23 | 19 | 22 | 19 | 21 |
| 17 | 19 | 25 | 19 | 23 | 18 | 21 | 18 | 21 | 19 | 21 | 18 | 19 | 17 | 17 | 17 | 16 | 17 | 13 | 17 | 13 | 17 | 19 | 18 | 22 |
| 18 | 23 | 7 | 24 | 6 | 24 | 6 | — | 3 | — | 3 | 29 | 4 | 29 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 |
| 19 | — | 3 | — | 3 | 5 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 13 | 4 | 13 | 7 | 13 | 4 | — | 3 | — | 2 | — | 3 |
| 20 | — | 3 | 15 | 4 | — | 2 | — | 3 | — | 3 | 31 | 4 | 1 | 6 | 32 | 7 | 1 | 4 | 2 | 6 | — | 3 | 8 | 4 |
| 21 | 10 | 8 | 11 | 9 | 10 | 8 | 10 | 8 | 11 | 9 | 10 | 9 | 11 | 9 | 10 | 9 | 12 | 9 | 12 | 9 | 11 | 7 | 11 | 7 |
| 22 | 12 | 10 | 12 | 10 | 13 | 12 | 14 | 12 | 13 | 10 | 13 | 10 | 13 | 10 | 12 | 9 | 12 | 12 | 13 | 12 | 13 | 12 | 13 | 13 |
| 23 | 15 | 7 | 15 | 7 | 15 | 8 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 5 | 15 | 6 | 14 | 4 | 11 | 5 |
| 24 | 9 | 4 | 8 | 6 | 8 | 4 | 8 | 5 | 9 | 5 | 11 | 5 | 12 | 7 | 12 | 7 | 12 | 5 | 13 | 5 | 11 | 7 | 9 | 7 |
| 25 | 10 | 4 | 9 | 4 | — | 3 | 6 | 4 | — | 2 | — | 1 | — | 2 | 29 | 4 | 27 | 9 | 27 | 7 | 28 | 10 | 26 | 7 |
| 26 | 22 | 13 | 22 | 11 | 21 | 11 | 22 | 10 | 21 | 13 | 21 | 18 | 21 | 20 | 21 | 21 | 20 | 25 | 21 | 22 | 20 | 25 | 20 | 24 |
| 27 | 22 | 18 | 23 | 20 | 22 | 18 | 23 | 18 | 24 | 18 | 23 | 17 | 23 | 20 | 23 | 19 | 23 | 19 | 24 | 18 | 23 | 21 | 23 | 19 |
| 28 | 24 | 15 | 25 | 18 | 24 | 16 | 23 | 16 | 23 | 18 | 23 | 16 | 23 | 17 | 24 | 18 | 23 | 16 | 23 | 20 | 23 | 20 | 23 | 23 |
| 29 | 30 | 20 | 30 | 17 | 31 | 23 | 31 | 17 | 31 | 12 | 32 | 9 | 32 | 9 | 32 | 8 | 32 | 8 | 32 | 11 | 32 | 10 | 31 | 14 |
| 30 | 32 | 8 | 32 | 11 | 32 | 6 | 32 | 7 | 32 | 9 | — | 2 | — | 3 | 29 | 5 | 28 | 4 | 30 | 5 | 28 | 6 | 26 | 6 |
| 31 | 29 | 8 | 31 | 5 | 28 | 4 | 29 | 8 | 29 | 7 | 29 | 7 | 28 | 7 | 27 | 7 | 28 | 8 | 27 | 10 | 27 | 12 | 27 | 12 |
| Mean ... | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 12 | — | 11 | — | 11 | — | 11 | — | 11 |
| Mean,* 1881–1905. | — | 11·4 | — | 11·4 | — | 11·4 | — | 11·4 | — | 11·3 | — | 11·2 | — | 11·2 | — | 11·2 | — | 11·5 | — | 11·7 | — | 12·8 | — | 13·2 |

| DAYS. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | |
| 1 | 5 | 9 | 6 | 10 | 7 | 10 | 6 | 11 | 5 | 11 | 5 | 12 | 4 | 15 | 4 | 13 | 5 | 14 | 4 | 14 | 4 | 13 | 5 | 15 | 12 | 1 |
| 2 | 6 | 13 | 5 | 16 | 5 | 15 | 4 | 15 | 5 | 15 | 6 | 14 | 5 | 13 | 5 | 15 | 4 | 18 | 4 | 16 | 4 | 15 | 4 | 16 | 15 | 2 |
| 3 | 4 | 13 | 3 | 13 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 13 | 3 | 12 | 3 | 12 | 4 | 12 | 3 | 10 | 3 | 12 | 3 | 12 | 14 | 3 |
| 4 | 2 | 8 | 3 | 7 | 3 | 4 | — | 3 | 3 | 6 | 1 | 4 | 1 | 6 | 32 | 4 | 32 | 4 | — | 2 | — | 3 | 8 | 4 | | 4 |
| 5 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 3 | 20 | 4 | 20 | 6 | 19 | 5 | 3 | 5 |
| 6 | 20 | 18 | 20 | 18 | 20 | 18 | 21 | 22 | 22 | 21 | 22 | 17 | 22 | 14 | 22 | 17 | 21 | 18 | 21 | 17 | 20 | 18 | 21 | 14 | 16 | 6 |
| 7 | 18 | 17 | 18 | 18 | 18 | 18 | 18 | 14 | 20 | 6 | 27 | 14 | 29 | 18 | 28 | 21 | 28 | 24 | 28 | 23 | 28 | 24 | 26 | 23 | 19 | 7 |
| 8 | 28 | 22 | 27 | 22 | 28 | 21 | 29 | 18 | 29 | 18 | 30 | 18 | 30 | 15 | 30 | 13 | 30 | 10 | 31 | 15 | 32 | 14 | 32 | 14 | 21 | 8 |
| 9 | 3 | 14 | 2 | 12 | 2 | 15 | 2 | 15 | 3 | 13 | 2 | 12 | 3 | 13 | 3 | 12 | 2 | 13 | 3 | 12 | 3 | 10 | 1 | 8 | 12 | 9 |
| 10 | 2 | 10 | 2 | 10 | 3 | 9 | 3 | 8 | 3 | 7 | 3 | 5 | 3 | 4 | 2 | 5 | 2 | 5 | 2 | 4 | — | 3 | — | 3 | 8 | 10 |
| 11 | 8 | 5 | 12 | 5 | 12 | 7 | 11 | 7 | 12 | 9 | 10 | 8 | 11 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 11 | 12 | 11 | 7 | 11 |
| 12 | 12 | 13 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 13 | 12 | 12 | 11 | 12 | 12 | 13 | 13 | 14 | 13 | 14 | 13 | 12 | 15 | 10 | 12 | 12 |
| 13 | 14 | 7 | 14 | 7 | 13 | 7 | 13 | 7 | 13 | 6 | 14 | 4 | 14 | 5 | 14 | 7 | 14 | 7 | 14 | 8 | 15 | 7 | 16 | 6 | 8 | 13 |
| 14 | 15 | 5 | 15 | 6 | 15 | 7 | 16 | 7 | 16 | 7 | 16 | 6 | 15 | 8 | 17 | 10 | 17 | 7 | 16 | 7 | 16 | 7 | 17 | 10 | 6 | 14 |
| 15 | 18 | 15 | 17 | 15 | 19 | 20 | 19 | 18 | 19 | 17 | 18 | 16 | 18 | 16 | 19 | 16 | 19 | 18 | 19 | 22 | 18 | 22 | 19 | 26 | 15 | 15 |
| 16 | 19 | 22 | 19 | 20 | 19 | 23 | 19 | 22 | 19 | 22 | 19 | 21 | 19 | 22 | 19 | 23 | 19 | 23 | 19 | 26 | 19 | 25 | 19 | 25 | 23 | 16 |
| 17 | 19 | 23 | 18 | 21 | 19 | 19 | 19 | 18 | 21 | 15 | 21 | 11 | 22 | 8 | 22 | 9 | 23 | 7 | 23 | 6 | 23 | 5 | 23 | 7 | 16 | 17 |
| 18 | — | 3 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | 9 | 4 | 9 | 4 | 8 | 5 | 11 | 4 | — | 2 | 9 | 4 | 3 | 18 |
| 19 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 0 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 3 | 19 |
| 20 | 7 | 5 | 7 | 5 | 8 | 5 | 8 | 4 | 9 | 6 | 8 | 4 | 10 | 5 | 10 | 7 | 10 | 7 | 9 | 8 | 11 | 8 | 12 | 8 | 5 | 20 |
| 21 | 10 | 8 | 10 | 8 | 11 | 7 | 10 | 8 | 10 | 9 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 12 | 10 | 12 | 10 | 11 | 10 | 9 | 21 |
| 22 | 14 | 10 | 14 | 8 | 14 | 8 | 14 | 6 | 13 | 5 | 13 | 9 | 14 | 10 | 14 | 10 | 14 | 10 | 15 | 7 | 15 | 8 | 15 | 9 | 10 | 22 |
| 23 | 11 | 5 | 10 | 6 | 11 | 4 | 10 | 4 | 10 | 4 | 11 | 4 | 9 | 4 | 9 | 4 | 9 | 5 | 9 | 4 | 10 | 4 | 11 | 4 | 5 | 23 |
| 24 | 10 | 7 | 10 | 7 | 10 | 6 | 10 | 6 | 11 | 6 | 11 | 6 | 12 | 7 | 11 | 7 | 12 | 4 | — | 3 | — | 3 | 11 | 4 | 6 | 24 |
| 25 | 23 | 10 | 23 | 12 | 22 | 11 | 23 | 9 | 22 | 9 | 22 | 11 | 21 | 10 | 22 | 10 | 21 | 11 | 22 | 10 | 21 | 9 | 21 | 10 | 7 | 25 |
| 26 | 21 | 24 | 21 | 25 | 21 | 26 | 21 | 24 | 21 | 24 | 21 | 25 | 21 | 23 | 22 | 23 | 23 | 21 | 23 | 22 | 23 | 21 | 22 | 21 | 21 | 26 |
| 27 | 22 | 19 | 23 | 18 | 24 | 19 | 25 | 19 | 25 | 23 | 25 | 23 | 25 | 26 | 25 | 23 | 26 | 23 | 26 | 15 | 25 | 18 | 25 | 19 | 20 | 27 |
| 28 | 25 | 23 | 25 | 20 | 25 | 25 | 24 | 22 | 24 | 23 | 24 | 23 | 25 | 26 | 26 | 26 | 28 | 26 | 28 | 23 | 29 | 22 | 30 | 20 | 21 | 28 |
| 29 | 30 | 14 | 31 | 14 | 30 | 12 | 30 | 11 | 31 | 12 | 30 | 11 | 31 | 12 | 30 | 11 | 31 | 12 | 30 | 15 | 32 | 14 | 32 | 12 | 13 | 29 |
| 30 | 25 | 8 | 24 | 10 | 23 | 11 | 23 | 11 | 22 | 15 | 21 | 18 | 22 | 13 | 30 | 10 | 30 | 8 | 31 | 10 | 31 | 11 | 30 | 10 | 9 | 30 |
| 31 | 26 | 10 | 25 | 12 | 26 | 12 | 25 | 14 | 25 | 13 | 26 | 13 | 26 | 15 | 28 | 11 | 29 | 10 | 30 | 7 | 29 | 9 | 30 | 8 | 10 | 31 |
| Mean ... | — | 12 | — | 12 | — | 12 | — | 11 | — | 11 | — | 11 | — | 12 | — | 12 | — | 12 | — | 12 | — | 11 | — | 11 | — | 11 |
| Mean,* 1881–1905. | — | 13·4 | — | 13·3 | — | 13·0 | — | 12·3 | — | 12·1 | — | 11·7 | — | 11·6 | — | 11·6 | — | 11·6 | — | 11·3 | — | 11·3 | — | 11·5 | 11·8 | Mean,* 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1885 omitted.

**FALMOUTH.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. **JANUARY, 1908.**

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | 01 | — | 01 | 02 | 03 | 03 | 03 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 17 |
| 7 | — | — | 01 | 02 | 13 | 03 | 03 | 01 | — | — | 01 | — | — | — | 10 | 10 | 09 | 01 | 02 | 02 | — | 02 | 01 | 02 | 63 |
| 8 | — | — | 03 | 01 | 01 | — | — | — | 05 | 02 | — | — | 01 | 01 | 01 | 01 | — | 01 | 02 | 01 | 01 | — | — | — | 21 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 01 | — | — | — | — | — | 02 |
| 16 | — | — | — | — | 01 | 03 | 03 | 03 | 01 | 02 | 02 | 05 | 04 | 04 | — | — | 01 | 02 | 02 | — | — | — | — | — | 33 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 01 |
| 18 | — | — | — | — | — | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 19 | — | — | — | — | — | 02 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 03 |
| 25 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 03 | 02 | 04 | 05 | 04 | — | — | 20 |
| 27 | — | — | — | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 28 | — | — | — | — | — | — | 01 | — | 02 | 02 | 01 | 01 | 06 | — | — | — | — | — | — | — | 01 | 02 | — | — | 16 |
| 29 | 01 | 01 | — | — | — | — | — | 01 | — | — | — | — | — | — | 01 | — | 01 | — | 01 | 01 | 01 | — | — | — | 08 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 02 | 01 | — | — | — | — | 06 |
| 31 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 02 |
| Sum ... | 02 | 02 | 05 | 05 | 18 | 13 | 11 | 08 | 10 | 07 | 05 | 06 | 11 | 06 | 12 | 12 | 18 | 08 | 10 | 09 | 08 | 08 | 02 | 05 | 2·01 |
| Average 1871–1905. | ·188 | ·210 | ·203 | ·208 | ·197 | ·192 | ·210 | ·201 | ·189 | ·188 | ·178 | ·205 | ·210 | ·229 | ·214 | ·210 | ·219 | ·186 | ·191 | ·175 | ·195 | ·205 | ·186 | ·216 | 4·804 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

**FALMOUTH.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. **JANUARY, 1908.**

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and cold. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day, breaking a little in after- |
| 5 | — | — | — | — | — | — | ·3 | — | ·7 | 1·0 | 1·0 | ·3 | — | — | — | — | — | 3·3 | ≋°; cloudy to bright. [noon. [saturated. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● till 9h.; rest of day overcast and air |
| 7 | — | — | — | — | — | — | ·5 | ·4 | ·3 | ·1 | — | — | — | — | — | — | — | 1·3 | Fair about mid-day; rest of day wet, with |
| 8 | — | — | — | — | — | — | ·2 | ·4 | ·3 | — | — | — | — | — | — | — | — | 0·9 | Stormy day; ▲ and ● showers. [▲ at night. |
| 9 | — | — | — | — | — | ·3 | ·5 | ·7 | 1·0 | 1·0 | 1·0 | ·9 | — | — | — | — | — | 5·4 | Very fine day. |
| 10 | — | — | — | — | — | ·2 | ·9 | ·9 | ·5 | ·4 | ·6 | ·4 | — | — | — | — | — | 3·9 | Fine day; hard frost A.M. |
| 11 | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | 0·2 | Cold and fair. |
| 12 | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | 6·5 | Very fine day. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast; drizzling ● in afternoon; ≋ [at night. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet and stormy day. |
| 17 | — | — | — | — | — | ·4 | ·8 | 1·0 | ·2 | — | — | — | — | — | — | — | — | 2·4 | A.M. bright; P.M. overcast, clearing in |
| 18 | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 6·8 | Fine, bright day. [evening. |
| 19 | — | — | — | — | — | — | — | — | ·1 | — | ·3 | ·2 | ·2 | — | — | — | — | 0·8 | Overcast and ● at first, improving in |
| 20 | — | — | — | — | — | ·7 | ·7 | — | — | ·1 | ·5 | ·7 | — | — | — | — | — | 2·7 | Fair day, with bright intervals. [afternoon. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day. |
| 24 | — | — | — | — | — | — | ·8 | ·2 | — | — | — | — | — | — | — | — | — | 1·0 | Dull day, clearing somewhat about 12h.; |
| 25 | — | — | — | — | — | ·7 | ·9 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | — | 5·0 | Fine day. [● at 24h. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋; ● in evening. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast or cloudy, clearing at night. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● or ▲ showers and ≋; bright intervals. |
| 29 | — | — | — | — | — | ·5 | ·5 | ·6 | ·1 | — | ·4 | ·2 | — | — | — | — | — | 2·3 | Bright generally, but ▲ showers in after- |
| 30 | — | — | — | — | ·2 | ·6 | ·7 | ·9 | 1·0 | 1·0 | ·9 | ·7 | ·3 | — | — | — | — | 6·3 | Fair till 16h., then ●°. [noon and evening. |
| 31 | — | — | — | — | — | — | ·2 | ·2 | ·1 | — | — | — | — | — | — | — | — | 0·5 | Overcast day, clearing in evening. |
| | — | — | — | — | 0·2 | 5·2 | 8·2 | 9·1 | 7·5 | 6·6 | 7·1 | 4·9 | 0·5 | — | — | — | — | 49·3 | Total. |
| | — | — | — | — | 0·64 | 5·74 | 8·63 | 9·11 | 8·86 | 8·61 | 7·89 | 5·22 | 0·63 | — | — | — | — | 55·32 | Mean Total, 1881–1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JANUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 38·8 | 39·1 | 39·5 | 39·1 | 39·7 | 39·0 | 38·6 | 37·3 | 37·6 | 38·1 | 38·0 | 38·1 | 39·0 | 39·8 | 40·5 | 39·8 | 38·8 | 37·9 | 37·1 | 37·0 | 36·3 | 36·5 | 35·4 | 36·0 | 37·3 | 38·2 |
| 2 | 37·3 | 35·8 | 37·8 | 38·0 | 37·4 | 36·7 | 36·2 | 36·7 | 36·0 | 36·1 | 36·2 | 36·2 | 36·3 | 36·2 | 35·7 | 35·1 | 35·0 | 34·8 | 34·7 | 34·3 | 33·9 | 33·9 | 33·3 | 31·9 | 32·3 | 35·5 |
| 3 | 32·3 | 33·4 | 33·1 | 32·7 | 32·2 | 32·0 | 31·5 | 32·0 | 31·3 | 28·2 | 28·3 | 29·4 | 30·0 | 30·0 | 30·0 | 30·0 | 29·3 | 29·0 | 29·7 | 30·3 | 31·1 | 32·2 | 30·3 | 30·7 | 29·7 | 30·7 |
| 4 | 29·7 | 30·0 | 30·8 | 29·7 | 30·1 | 29·0 | 29·0 | 28·7 | 29·0 | 29·4 | 29·8 | 31·1 | 32·2 | 33·4 | 34·0 | 35·0 | 34·9 | 35·0 | 34·6 | 35·3 | 34·3 | 34·6 | 34·8 | 33·9 | 34·2 | 32·1 |
| 5 | 34·2 | 34·0 | 34·1 | 33·7 | 33·0 | 35·0 | 35·6 | 34·9 | 34·0 | 34·3 | 34·7 | 36·0 | 37·3 | 38·9 | 39·6 | 41·3 | 39·0 | 36·9 | 36·3 | 36·1 | 36·2 | 37·3 | 37·2 | 39·4 | 40·1 | 36·3 |
| 6 | 40·1 | 42·4 | 43·1 | 44·0 | 44·7 | 46·0 | 47·0 | 48·4 | 49·3 | 50·0 | 50·0 | 50·3 | 50·3 | 50·2 | 50·0 | 49·9 | 49·7 | 49·3 | 49·0 | 49·0 | 48·7 | 48·3 | 48·7 | 48·7 | 48·1 | 48·0 |
| 7 | 48·1 | 48·3 | 49·0 | 49·0 | 49·2 | 49·8 | 49·7 | 50·1 | 50·2 | 49·7 | 50·1 | 50·6 | 49·1 | 49·3 | 49·3 | 48·2 | 48·2 | 48·3 | 48·7 | 46·3 | 44·7 | 43·2 | 42·0 | 42·0 | 40·0 | 47·9 |
| 8 | 40·0 | 40·7 | 41·2 | 41·2 | 40·3 | 41·0 | 42·0 | 42·3 | 42·1 | 42·1 | 41·1 | 43·0 | 42·3 | 43·1 | 41·1 | 41·4 | 42·0 | 42·9 | 42·3 | 42·0 | 41·0 | 40·9 | 41·8 | 41·8 | 41·0 | 41·7 |
| 9 | 41·0 | 40·6 | 40·1 | 39·9 | 38·9 | 38·1 | 38·0 | 37·9 | 37·4 | 36·8 | 36·3 | 36·3 | 36·8 | 37·2 | 36·6 | 36·4 | 35·4 | 34·6 | 34·0 | 34·0 | 33·8 | 33·8 | 33·3 | 33·0 | 32·0 | 36·5 |
| 10 | 32·0 | 32·2 | 31·5 | 31·9 | 31·0 | 30·3 | 30·2 | 30·2 | 30·0 | 30·0 | 30·7 | 32·0 | 33·0 | 33·9 | 34·0 | 34·7 | 34·0 | 33·3 | 32·9 | 32·3 | 32·0 | 31·7 | 31·0 | 29·8 | 30·1 | 31·8 |
| 11 | 30·1 | 29·1 | 30·0 | 30·1 | 29·9 | 29·2 | 29·3 | 29·0 | 28·7 | 29·0 | 30·3 | 32·3 | 34·3 | 38·0 | 37·9 | 38·0 | 38·0 | 37·1 | 37·1 | 37·2 | 37·0 | 37·4 | 37·5 | 37·4 | 37·4 | 33·6 |
| 12 | 37·4 | 37·8 | 37·9 | 38·0 | 38·1 | 38·4 | 38·9 | 39·1 | 39·1 | 39·9 | 40·4 | 41·2 | 41·5 | 42·0 | 42·2 | 42·2 | 42·0 | 41·8 | 41·9 | 42·5 | 42·3 | 43·0 | 42·7 | 42·4 | 42·2 | 40·6 |
| 13 | 42·2 | 42·6 | 42·7 | 43·0 | 43·0 | 43·1 | 43·5 | 42·8 | 43·0 | 43·8 | 44·7 | 45·6 | 46·0 | 46·4 | 46·0 | 46·0 | 45·7 | 46·1 | 46·0 | 46·0 | 46·2 | 46·3 | 46·9 | 47·2 | 47·5 | 44·9 |
| 14 | 47·5 | 48·2 | 48·2 | 48·2 | 48·0 | 48·0 | 47·5 | 47·1 | 47·0 | 47·5 | 47·5 | 47·9 | 48·0 | 48·0 | 48·2 | 48·8 | 49·0 | 48·7 | 48·6 | 48·7 | 48·8 | 48·9 | 49·0 | 48·9 | 49·2 | 48·2 |
| 15 | 49·2 | 49·5 | 49·3 | 49·1 | 48·8 | 49·0 | 48·8 | 48·5 | 50·1 | 50·8 | 51·0 | 52·1 | 53·0 | 52·1 | 51·6 | 51·9 | 51·5 | 51·1 | 50·4 | 50·7 | 50·2 | 50·1 | 50·0 | 50·1 | 50·0 | 50·4 |
| 16 | 50·0 | 50·0 | 50·2 | 50·0 | 50·2 | 50·6 | 50·5 | 50·7 | 50·6 | 50·8 | 50·7 | 51·0 | 51·1 | 51·2 | 51·1 | 51·0 | 50·9 | 50·9 | 50·7 | 50·8 | 51·0 | 50·9 | 50·3 | 50·7 | 50·4 | 50·7 |
| 17 | 50·4 | 50·5 | 50·1 | 50·3 | 50·7 | 50·9 | 50·8 | 51·0 | 50·8 | 51·0 | 51·0 | 52·9 | 53·2 | 52·8 | 52·5 | 52·1 | 51·0 | 51·0 | 50·3 | 50·0 | 49·0 | 48·0 | 47·7 | 45·0 | 44·7 | 50·4 |
| 18 | 44·7 | 45·0 | 44·8 | 44·9 | 44·8 | 44·2 | 44·2 | 44·0 | 44·0 | 43·9 | 43·6 | 45·6 | 45·8 | 47·0 | 47·3 | 46·5 | 45·7 | 45·0 | 44·3 | 44·2 | 43·7 | 43·9 | 44·1 | 44·8 | 45·3 | 44·8 |
| 19 | 45·3 | 44·4 | 44·2 | 45·4 | 45·4 | 45·8 | 45·9 | 46·4 | 46·0 | 46·0 | 46·0 | 46·9 | 47·2 | 48·6 | 48·9 | 48·9 | 48·0 | 46·6 | 46·1 | 44·9 | 43·8 | 43·2 | 42·0 | 43·0 | 44·0 | 45·8 |
| 20 | 44·0 | 44·0 | 43·0 | 43·7 | 42·6 | 43·3 | 43·3 | 43·3 | 41·8 | 41·1 | 41·1 | 43·0 | 44·6 | 45·1 | 45·0 | 44·9 | 44·2 | 43·9 | 43·4 | 43·0 | 43·0 | 44·0 | 44·2 | 44·7 | 44·3 | 43·5 |
| 21 | 44·3 | 44·6 | 43·4 | 44·0 | 44·0 | 43·9 | 43·3 | 43·3 | 43·0 | 42·9 | 42·5 | 43·0 | 43·0 | 42·9 | 42·8 | 42·4 | 42·0 | 41·6 | 41·8 | 42·1 | 42·3 | 42·9 | 42·6 | 42·9 | 42·8 | 42·9 |
| 22 | 42·8 | 43·0 | 43·0 | 42·0 | 40·7 | 41·5 | 42·1 | 43·0 | 43·3 | 44·2 | 44·8 | 45·1 | 46·0 | 47·0 | 47·3 | 47·7 | 47·6 | 47·3 | 47·9 | 48·1 | 48·0 | 48·0 | 47·9 | 48·1 | 48·2 | 45·4 |
| 23 | 48·2 | 48·1 | 48·0 | 48·2 | 48·1 | 48·4 | 48·1 | 48·4 | 48·3 | 48·6 | 48·9 | 49·1 | 48·7 | 48·9 | 48·0 | 48·0 | 48·0 | 47·4 | 47·3 | 48·0 | 48·0 | 48·0 | 48·0 | 47·8 | 47·6 | 48·2 |
| 24 | 47·6 | 48·0 | 46·8 | 46·7 | 46·9 | 47·2 | 47·3 | 47·2 | 47·2 | 47·7 | 48·0 | 48·8 | 48·8 | 49·0 | 48·8 | 48·1 | 48·1 | 48·0 | 48·0 | 47·9 | 47·8 | 47·9 | 48·0 | 48·0 | 48·0 | 47·8 |
| 25 | 48·0 | 48·1 | 48·2 | 48·0 | 47·3 | 47·8 | 47·6 | 47·6 | 47·7 | 47·8 | 48·0 | 48·9 | 49·1 | 50·2 | 50·5 | 49·7 | 48·7 | 47·7 | 47·2 | 47·2 | 48·0 | 48·0 | 47·2 | 47·7 | 47·3 | 48·1 |
| 26 | 48·0 | 48·1 | 47·9 | 47·1 | 47·3 | 47·3 | 47·6 | 47·8 | 47·7 | 48·1 | 48·8 | 49·6 | 49·8 | 50·1 | 50·1 | 50·7 | 50·4 | 50·2 | 49·3 | 49·8 | 50·1 | 50·4 | 50·5 | 50·8 | 50·8 | 49·1 |
| 27 | 50·8 | 51·0 | 51·1 | 51·2 | 51·4 | 51·5 | 51·1 | 51·1 | 51·2 | 52·0 | 52·0 | 52·0 | 52·0 | 51·9 | 51·9 | 52·1 | 52·0 | 51·7 | 51·1 | 50·9 | 48·0 | 47·8 | 47·0 | 48·0 | 47·5 | 50·8 |
| 28 | 47·5 | 47·9 | 47·4 | 46·7 | 47·4 | 47·2 | 46·3 | 45·5 | 44·0 | 45·1 | 44·9 | 45·4 | 46·9 | 43·0 | 42·8 | 43·2 | 43·8 | 44·0 | 43·7 | 44·1 | 44·7 | 45·0 | 44·1 | 44·4 | 43·1 | 45·1 |
| 29 | 43·1 | 43·3 | 41·0 | 42·0 | 41·0 | 41·6 | 39·4 | 40·7 | 39·8 | 41·0 | 40·2 | 42·0 | 43·8 | 43·9 | 44·0 | 43·9 | 42·8 | 42·0 | 41·8 | 40·3 | 40·3 | 39·9 | 40·0 | 40·0 | 39·0 | 41·5 |
| 30 | 39·0 | 38·3 | 38·7 | 38·2 | 38·8 | 38·9 | 37·2 | 38·5 | 39·0 | 39·6 | 41·0 | 41·8 | 42·8 | 43·0 | 43·0 | 43·2 | 42·4 | 42·2 | 43·8 | 45·2 | 47·1 | 45·9 | 45·6 | 44·6 | 44·5 | 41·7 |
| 31 | 44·5 | 43·9 | 43·9 | 43·0 | 44·7 | 44·4 | 44·7 | 45·0 | 44·1 | 45·1 | 45·7 | 45·9 | 46·3 | 46·2 | 47·1 | 46·9 | 46·6 | 46·2 | 46·1 | 46·9 | 47·2 | 47·0 | 46·2 | 45·6 | 45·5 | 45·6 |
| Mean ... | 42·5 | 42·6 | 42·6 | 42·5 | 42·4 | 42·6 | 42·4 | 42·5 | 42·4 | 42·6 | 42·8 | 43·6 | 44·1 | 44·5 | 44·5 | 44·5 | 44·0 | 43·6 | 43·4 | 43·4 | 43·2 | 43·2 | 42·9 | 42·9 | 42·7 | 43·2 |
| Mean, 1871–1905. | 43·1 | 43·1 | 42·9 | 43·0 | 42·9 | 42·9 | 42·8 | 42·9 | 42·8 | 43·2 | 43·8 | 44·6 | 45·0 | 45·4 | 45·3 | 45·2 | 44·7 | 44·2 | 43·8 | 43·6 | 43·5 | 43·4 | 43·3 | 43·2 | 43·1 | 43·7 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JANUARY, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 85 | 88 | 87 | 87 | 86 | 86 | 86 | 88 | 80 | 76 | 75 | 80 | 77 | 79 | 80 | 80 | 84 | 84 | 84 | 81 | 84 | 83 | 86 | 81 | 82 | 82·8 |
| 2 | 82 | 83 | 79 | 77 | 80 | 79 | 79 | 80 | 76 | 79 | 79 | 78 | 74 | 71 | 67 | 66 | 67 | 66 | 67 | 69 | 70 | 70 | 70 | 70 | 74 | 73·9 |
| 3 | 74 | 84 | 87 | 84 | 72 | 68 | 69 | 68 | 70 | 66 | 67 | 65 | 73 | 67 | 69 | 61 | 58 | 55 | 51 | 51 | 55 | 55 | 64 | 59 | 60 | 65·8 |
| 4 | 61 | 60 | 65 | 64 | 67 | 57 | 57 | 58 | 66 | 66 | 69 | 71 | 72 | 70 | 72 | 72 | 73 | 72 | 74 | 70 | 72 | 71 | 72 | 75 | 78 | 68·1 |
| 5 | 78 | 79 | 78 | 76 | 81 | 73 | 71 | 74 | 79 | 78 | 76 | 75 | 79 | 78 | 78 | 70 | 79 | 84 | 86 | 86 | 89 | 88 | 89 | 88 | 86 | 79·8 |
| 6 | 86 | 89 | 91 | 92 | 94 | 96 | 97 | 97 | 98 | 97 | 96 | 97 | 96 | 98 | 97 | 96 | 96 | 97 | 94 | 94 | 94 | 91 | 94 | 94 | 94 | 94·8 |
| 7 | 94 | 94 | 91 | 94 | 96 | 94 | 96 | 96 | 93 | 89 | 83 | 85 | 85 | 88 | 93 | 95 | 97 | 92 | 92 | 87 | 79 | 80 | 77 | 82 | 90 | 90·0 |
| 8 | 82 | 75 | 70 | 74 | 82 | 78 | 68 | 69 | 70 | 73 | 83 | 76 | 82 | 75 | 85 | 84 | 83 | 79 | 81 | 82 | 85 | 85 | 78 | 74 | 76 | 77·9 |
| 9 | 76 | 74 | 75 | 77 | 78 | 74 | 70 | 72 | 70 | 66 | 67 | 68 | 66 | 65 | 58 | 60 | 62 | 65 | 66 | 67 | 67 | 67 | 70 | 71 | 70 | 68·8 |
| 10 | 71 | 68 | 64 | 66 | 72 | 72 | 73 | 74 | 74 | 76 | 75 | 75 | 73 | 80 | 79 | 74 | 74 | 78 | 80 | 67 | 67 | 66 | 64 | 65 | 60 | 71·8 |
| 11 | 60 | 65 | 58 | 60 | 61 | 65 | 64 | 63 | 62 | 66 | 65 | 70 | 77 | 57 | 57 | 58 | 60 | 66 | 68 | 73 | 72 | 69 | 63 | 66 | 67 | 64·5 |
| 12 | 67 | 69 | 70 | 70 | 74 | 77 | 78 | 77 | 77 | 76 | 75 | 76 | 74 | 78 | 79 | 84 | 85 | 86 | 86 | 83 | 85 | 84 | 86 | 85 | 85 | 78·7 |
| 13 | 85 | 86 | 86 | 86 | 86 | 87 | 88 | 88 | 88 | 88 | 89 | 88 | 91 | 90 | 92 | 92 | 95 | 93 | 94 | 94 | 94 | 96 | 94 | 97 | 96 | 90·5 |
| 14 | 96 | 97 | 97 | 98 | 94 | 93 | 95 | 96 | 94 | 94 | 94 | 93 | 93 | 93 | 93 | 93 | 93 | 94 | 95 | 94 | 93 | 93 | 93 | 94 | 98 | 94·3 |
| 15 | 98 | 95 | 97 | 97 | 95 | 95 | 94 | 96 | 93 | 93 | 92 | 89 | 87 | 91 | 95 | 93 | 91 | 92 | 95 | 95 | 96 | 93 | 93 | 94 | 97 | 94 | 93·8 |
| 16 | 94 | 94 | 92 | 94 | 93 | 94 | 94 | 94 | 94 | 95 | 94 | 95 | 95 | 98 | 95 | 95 | 94 | 94 | 95 | 94 | 93 | 93 | 92 | 89 | 90 | 93·8 |
| 17 | 90 | 90 | 92 | 90 | 90 | 88 | 88 | 90 | 88 | 92 | 88 | 84 | 84 | 82 | 83 | 85 | 94 | 94 | 93 | 93 | 93 | 92 | 89 | 93 | 94 | 89·5 |
| 18 | 94 | 92 | 93 | 93 | 91 | 93 | 92 | 91 | 91 | 93 | 89 | 94 | 93 | 86 | 86 | 90 | 93 | 92 | 92 | 97 | 93 | 91 | 91 | 87 | 90 | 91·3 |
| 19 | 90 | 95 | 93 | 97 | 97 | 94 | 95 | 97 | 95 | 95 | 94 | 94 | 93 | 90 | 88 | 87 | 92 | 94 | 93 | 93 | 92 | 92 | 94 | 92 | 88 | 93·1 |
| 20 | 88 | 87 | 90 | 88 | 90 | 94 | 96 | 93 | 88 | 90 | 90 | 86 | 84 | 84 | 83 | 81 | 82 | 78 | 80 | 80 | 80 | 77 | 77 | 77 | 76 | 84·9 |
| 21 | 76 | 75 | 76 | 75 | 75 | 75 | 76 | 77 | 78 | 78 | 80 | 78 | 79 | 78 | 80 | 82 | 79 | 81 | 79 | 82 | 84 | 80 | 81 | 83 | 82 | 78·8 |
| 22 | 82 | 83 | 80 | 85 | 82 | 85 | 85 | 84 | 87 | 90 | 88 | 91 | 92 | 93 | 92 | 92 | 93 | 95 | 94 | 93 | 93 | 93 | 94 | 92 | 93 | 89·3 |
| 23 | 93 | 93 | 94 | 96 | 94 | 95 | 94 | 96 | 95 | 95 | 94 | 93 | 94 | 93 | 93 | 93 | 92 | 91 | 93 | 92 | 92 | 93 | 92 | 89 | 90 | 93·2 |
| 24 | 90 | 89 | 94 | 94 | 94 | 94 | 93 | 95 | 94 | 92 | 93 | 88 | 88 | 87 | 87 | 88 | 89 | 91 | 93 | 92 | 92 | 93 | 93 | 93 | 93 | 91·5 |
| 25 | 93 | 93 | 94 | 94 | 97 | 95 | 96 | 97 | 96 | 93 | 87 | 81 | 74 | 69 | 71 | 73 | 81 | 91 | 92 | 87 | 87 | 90 | 87 | 90 | 85 | 87·7 |
| 26 | 85 | 85 | 87 | 92 | 92 | 93 | 92 | 93 | 95 | 92 | 88 | 88 | 87 | 90 | 90 | 88 | 90 | 91 | 97 | 94 | 94 | 96 | 96 | 94 | 94 | 91·4 |
| 27 | 94 | 93 | 93 | 93 | 92 | 93 | 94 | 94 | 95 | 94 | 92 | 92 | 92 | 93 | 93 | 90 | 87 | 87 | 86 | 84 | 75 | 75 | 74 | 78 | 72 | 88·4 |
| 28 | 72 | 75 | 71 | 81 | 68 | 72 | 76 | 74 | 86 | 78 | 77 | 82 | 73 | 83 | 74 | 63 | 66 | 69 | 75 | 74 | 74 | 70 | 76 | 69 | 64 | 73·9 |
| 29 | 64 | 69 | 77 | 56 | 62 | 75 | 83 | 74 | 84 | 71 | 85 | 79 | 60 | 64 | 59 | 67 | 77 | 78 | 74 | 79 | 80 | 76 | 71 | 75 | 72 | 72·6 |
| 30 | 72 | 72 | 71 | 74 | 80 | 84 | 85 | 79 | 74 | 72 | 64 | 67 | 68 | 69 | 71 | 75 | 86 | 95 | 95 | 98 | 96 | 93 | 89 | 80 | 76 | 79·6 |
| 31 | 76 | 78 | 78 | 81 | 80 | 79 | 79 | 79 | 82 | 83 | 82 | 84 | 78 | 85 | 77 | 80 | 79 | 88 | 91 | 87 | 86 | 86 | 84 | 82 | 76 | 81·8 |
| Mean ... | 82·2 | 82·9 | 82·9 | 83·4 | 83·7 | 83·8 | 84·0 | 83·9 | 84·4 | 83·7 | 83·0 | 82·7 | 81·6 | 81·4 | 81·0 | 80·6 | 82·7 | 84·2 | 85·0 | 84·5 | 84·3 | 83·5 | 83·0 | 82·5 | 81·9 | 83·1 |
| Mean, 1886–1905. | 85·0 | 85·4 | 85·4 | 85·5 | 85·6 | 85·8 | 85·7 | 85·8 | 85·8 | 85·4 | 84·2 | 82·7 | 81·6 | 81·0 | 80·6 | 81·4 | 82·4 | 83·4 | 84·2 | 84·6 | 84·4 | 84·6 | 85·0 | 85·1 | 85·3 | 84·2 |

[*Price Sixpence.*]

# KEW OBSERVATORY. JANUARY, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. JANUARY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·250 | 9·879 | 37·1 | 33·6 | 9 | 0·027 | 9·411 | 38·1 | 30·7 | 17 | 0·134 | 0·005 | 52·1 | 48·4 | 25 | 0·420 | 0·325 | 42·0 | 31·2 |
| 2 | 0·355 | 0·246 | 34·1 | 28·7 | 10 | 0·441 | 0·027 | 36·0 | 26·2 | 18 | 0·346 | 0·134 | 49·6 | 30·9 | 26 | 0·355 | 0·022 | 50·3 | 42·0 |
| 3 | 0·317 | 0·203 | 32·5 | 24·9 | 11 | 0·478 | 0·397 | 33·0 | 21·7 | 19 | 0·342 | 0·227 | 39·3 | 31·2 | 27 | 0·028 | 9·818 | **53·9** | 45·8 |
| 4 | 0·297 | 0·207 | 37·9 | 27·6 | 12 | 0·400 | 0·209 | 35·0 | 20·9 | 20 | **0·602** | 0·293 | 43·5 | 29·4 | 28 | 9·818 | 9·355 | 46·8 | 38·8 |
| 5 | 0·427 | 0·286 | 29·6 | **19·4** | 13 | 0·233 | 0·172 | 39·9 | 23·5 | 21 | **0·602** | 0·485 | 34·0 | 27·1 | 29 | 0·091 | 9·425 | 42·6 | 34·6 |
| 6 | 0·369 | 0·844 | 47·9 | 20·4 | 14 | 0·274 | 0·220 | 45·0 | 31·0 | 22 | 0·491 | 0·393 | 40·0 | 31·3 | 30 | 0·195 | 9·978 | 40·1 | 34·0 |
| 7 | 9·844 | 8·916 | 49·8 | 43·9 | 15 | 0·233 | 0·064 | 46·3 | 34·0 | 23 | 0·493 | 0·447 | 37·9 | 32·9 | 31 | 9·984 | 9·775 | 46·1 | 36·9 |
| 8 | 9·411 | **8·842** | 44·7 | 33·9 | 16 | 0·068 | 9·957 | 50·5 | 45·6 | 24 | 0·493 | 0·411 | 37·3 | 33·0 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 41·7 | 32·0 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. JANUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·883 | 9·881 | 9·901 | 9·910 | 9·908 | 9·911 | 9·925 | 9·946 | 9·976 | 0·000 | 0·027 | 0·038 | 0·047 | 0·055 | 0·063 | 0·073 | 0·094 | 0·118 | 0·145 | 0·155 | 0·180 | 0·197 | 0·222 | 0·239 | 0·246 | 0·045 |
| 2 | 0·246 | 0·254 | 0·259 | 0·275 | 0·282 | 0·287 | 0·302 | 0·315 | 0·331 | 0·330 | 0·342 | 0·348 | 0·340 | 0·328 | 0·325 | 0·327 | 0·341 | 0·331 | 0·318 | 0·313 | 0·321 | 0·323 | 0·328 | 0·327 | 0·317 | 0·314 |
| 3 | 0·317 | 0·306 | 0·296 | 0·291 | 0·275 | 0·272 | 0·271 | 0·270 | 0·269 | 0·264 | 0·267 | 0·263 | 0·245 | 0·227 | 0·212 | 0·210 | 0·212 | 0·210 | 0·208 | 0·205 | 0·207 | 0·211 | 0·218 | 0·219 | 0·211 | 0·249 |
| 4 | 0·211 | 0·209 | 0·211 | 0·211 | 0·218 | 0·215 | 0·214 | 0·224 | 0·237 | 0·253 | 0·266 | 0·263 | 0·255 | 0·241 | 0·234 | 0·232 | 0·245 | 0·253 | 0·261 | 0·265 | 0·270 | 0·280 | 0·297 | 0·291 | 0·289 | 0·246 |
| 5 | 0·289 | 0·289 | 0·295 | 0·297 | 0·310 | 0·317 | 0·311 | 0·317 | 0·332 | 0·355 | 0·373 | 0·373 | 0·384 | 0·382 | 0·374 | 0·368 | 0·398 | 0·398 | 0·424 | 0·419 | 0·412 | 0·405 | 0·405 | 0·396 | 0·367 | 0·361 |
| 6 | 0·367 | 0·350 | 0·324 | 0·293 | 0·264 | 0·232 | 0·206 | 0·168 | 0·138 | 0·115 | 0·084 | 0·055 | 0·005 | 0·972 | 0·933 | 0·921 | 0·902 | 0·896 | 0·890 | 0·886 | 0·878 | 0·870 | 0·864 | 0·856 | 0·844 | 0·050 |
| 7 | 0·844 | 0·820 | 0·800 | 0·789 | 0·760 | 0·732 | 0·700 | 0·663 | 0·640 | 0·625 | 0·593 | 0·555 | 0·513 | 0·468 | 0·421 | 0·384 | 0·342 | 0·310 | 0·254 | 0·218 | 0·164 | 0·104 | 0·039 | 0·978 | 0·916 | 0·469 |
| 8 | 8·916 | 8·870 | 8·842 | 8·875 | 8·918 | 8·916 | 8·916 | 8·930 | 8·938 | 8·953 | 8·978 | 9·003 | 9·021 | 9·032 | 9·055 | 9·086 | 9·116 | 9·146 | 9·166 | 9·204 | 9·248 | 9·286 | 9·324 | 9·368 | 9·411 | 9·056 |
| 9 | 9·411 | 0·438 | 0·474 | 0·504 | 0·528 | 0·534 | 0·562 | 0·588 | 0·619 | 0·649 | 0·672 | 0·691 | 0·702 | 0·715 | 0·728 | 0·749 | 0·778 | 0·808 | 0·845 | 0·875 | 0·905 | 0·936 | 0·970 | 0·993 | 0·027 | 0·708 |
| 10 | 0·027 | 0·047 | 0·080 | 0·092 | 0·118 | 0·141 | 0·175 | 0·193 | 0·229 | 0·255 | 0·280 | 0·293 | 0·301 | 0·307 | 0·313 | 0·321 | 0·335 | 0·340 | 0·359 | 0·373 | 0·399 | 0·411 | 0·428 | 0·435 | 0·439 | 0·269 |
| 11 | 0·439 | 0·433 | 0·438 | 0·451 | 0·454 | 0·447 | 0·449 | 0·449 | 0·458 | 0·457 | 0·474 | 0·468 | 0·461 | 0·434 | 0·425 | 0·425 | 0·431 | 0·437 | 0·435 | 0·431 | 0·426 | 0·413 | 0·400 | 0·401 | 0·399 | 0·438 |
| 12 | 0·399 | 0·393 | 0·395 | 0·377 | 0·357 | 0·356 | 0·342 | 0·335 | 0·335 | 0·338 | 0·339 | 0·328 | 0·309 | 0·291 | 0·270 | 0·262 | 0·243 | 0·235 | 0·238 | 0·229 | 0·218 | 0·219 | 0·222 | 0·218 | 0·209 | 0·298 |
| 13 | 0·209 | 0·197 | 0·192 | 0·183 | 0·183 | 0·173 | 0·180 | 0·188 | 0·195 | 0·203 | 0·208 | 0·202 | 0·190 | 0·181 | 0·180 | 0·182 | 0·202 | 0·206 | 0·214 | 0·217 | 0·229 | 0·230 | 0·224 | 0·226 | 0·220 | 0·200 |
| 14 | 0·220 | 0·222 | 0·230 | 0·233 | 0·225 | 0·226 | 0·227 | 0·238 | 0·257 | 0·264 | 0·274 | 0·271 | 0·269 | 0·262 | 0·263 | 0·256 | 0·252 | 0·251 | 0·249 | 0·247 | 0·251 | 0·249 | 0·248 | 0·239 | 0·233 | 0·247 |
| 15 | 0·233 | 0·213 | 0·215 | 0·211 | 0·205 | 0·199 | 0·178 | 0·190 | 0·199 | 0·200 | 0·209 | 0·202 | 0·189 | 0·172 | 0·150 | 0·127 | 0·123 | 0·123 | 0·136 | 0·116 | 0·114 | 0·100 | 0·086 | 0·076 | 0·064 | 0·162 |
| 16 | 0·064 | 0·046 | 0·024 | 0·008 | 0·004 | 9·984 | 9·964 | 9·970 | 9·968 | 9·986 | 9·983 | 9·979 | 9·977 | 9·963 | 9·960 | 9·963 | 9·969 | 9·977 | 9·984 | 9·996 | 0·009 | 0·013 | 0·014 | 0·023 | 0·018 | 9·992 |
| 17 | 0·018 | 0·009 | 0·017 | 0·017 | 0·009 | 0·007 | 0·009 | 0·006 | 0·017 | 0·017 | 0·027 | 0·026 | 0·033 | 0·017 | 0·012 | 0·006 | 0·006 | 0·007 | 0·024 | 0·023 | 0·041 | 0·059 | 0·081 | 0·102 | 0·134 | 0·027 |
| 18 | 0·134 | 0·153 | 0·175 | 0·191 | 0·209 | 0·228 | 0·227 | 0·247 | 0·279 | 0·301 | 0·330 | 0·344 | 0·338 | 0·328 | 0·318 | 0·323 | 0·325 | 0·326 | 0·330 | 0·341 | 0·340 | 0·339 | 0·336 | 0·340 | 0·350 | 0·288 |
| 19 | 0·336 | 0·342 | 0·342 | 0·334 | 0·322 | 0·311 | 0·302 | 0·292 | 0·302 | 0·306 | 0·305 | 0·294 | 0·266 | 0·247 | 0·238 | 0·235 | 0·237 | 0·240 | 0·253 | 0·261 | 0·265 | 0·280 | 0·285 | 0·296 | 0·284 |
| 20 | 0·296 | 0·297 | 0·307 | 0·317 | 0·325 | 0·343 | 0·365 | 0·393 | 0·417 | 0·449 | 0·472 | 0·483 | 0·491 | 0·487 | 0·488 | 0·494 | 0·510 | 0·530 | 0·548 | 0·558 | 0·569 | 0·582 | 0·595 | 0·591 | 0·602 | 0·461 |
| 21 | 0·602 | 0·591 | 0·593 | 0·591 | 0·584 | 0·583 | 0·578 | 0·567 | 0·579 | 0·590 | 0·600 | 0·592 | 0·574 | 0·547 | 0·540 | 0·533 | 0·530 | 0·521 | 0·516 | 0·518 | 0·513 | 0·508 | 0·489 | 0·485 | 0·491 | 0·553 |
| 22 | 0·491 | 0·480 | 0·467 | 0·459 | 0·446 | 0·434 | 0·422 | 0·427 | 0·429 | 0·431 | 0·437 | 0·433 | 0·417 | 0·400 | 0·399 | 0·399 | 0·403 | 0·407 | 0·421 | 0·432 | 0·431 | 0·432 | 0·450 | 0·455 | 0·453 | 0·433 |
| 23 | 0·453 | 0·451 | 0·451 | 0·455 | 0·458 | 0·465 | 0·465 | 0·470 | 0·476 | 0·480 | 0·487 | 0·477 | 0·469 | 0·466 | 0·451 | 0·455 | 0·465 | 0·472 | 0·481 | 0·485 | 0·485 | 0·485 | 0·480 | 0·485 | 0·487 | 0·471 |
| 24 | 0·487 | 0·487 | 0·486 | 0·483 | 0·481 | 0·473 | 0·470 | 0·471 | 0·482 | 0·484 | 0·489 | 0·491 | 0·477 | 0·458 | 0·446 | 0·446 | 0·448 | 0·450 | 0·450 | 0·444 | 0·441 | 0·435 | 0·420 | 0·414 | 0·414 | 0·462 |
| 25 | 0·414 | 0·405 | 0·390 | 0·379 | 0·378 | 0·372 | 0·362 | 0·379 | 0·372 | 0·369 | 0·382 | 0·387 | 0·378

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 3 | 10 | 3 | 9 | 3 | 11 | 3 | 12 | 4 | 18 | 5 | 21 | 4 | 16 | 5 | 21 | 5 | 18 | 5 | 21 | 4 | 18 | 4 | 22 |
| 2 | 5 | 23 | 5 | 23 | 6 | 26 | 5 | 23 | 6 | 18 | 5 | 21 | 5 | 18 | 4 | 15 | 4 | 19 | 5 | 23 | 6 | 27 | 6 | 29 |
| 3 | 4 | 17 | 4 | 12 | 4 | 14 | 4 | 12 | 4 | 12 | 4 | 12 | 3 | 12 | 4 | 12 | 4 | 15 | 3 | 13 | 4 | 15 | 6 | 20 |
| 4 | 5 | 10 | 5 | 11 | 5 | 11 | 5 | 12 | 5 | 7 | 5 | 8 | 5 | 7 | 5 | 7 | 5 | 7 | 5 | 8 | 5 | 8 | 5 | 7 |
| 5 | — | 3 | 5 | 4 | — | 3 | — | 3 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 |
| 6 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | — | 3 | 16 | 11 | 18 | 15 | 18 | 18 | 18 | 16 | 18 | 16 | 18 | 16 |
| 7 | 22 | 12 | 20 | 12 | 20 | 11 | 19 | 10 | 19 | 10 | 20 | 7 | 18 | 10 | 18 | 12 | 19 | 12 | 18 | 12 | 18 | 14 | 17 | 12 |
| 8 | 13 | 4 | 2 | 7 | 27 | 18 | 24 | 15 | 24 | 12 | 24 | 12 | 24 | 15 | 25 | 12 | 26 | 13 | 26 | 13 | 25 | 13 | 26 | 15 |
| 9 | 32 | 12 | 32 | 14 | 32 | 10 | 32 | 12 | 32 | 14 | 32 | 12 | 32 | 12 | 32 | 15 | 32 | 15 | 32 | 14 | 32 | 13 | 32 | 13 |
| 10 | 1 | 13 | 2 | 11 | 1 | 10 | 2 | 7 | 2 | 6 | 1 | 4 | 1 | 5 | 32 | 7 | 32 | 7 | 32 | 6 | 32 | 6 | 32 | 7 |
| 11 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | — | 3 | 22 | 4 |
| 12 | — | 1 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | 10 | 4 |
| 13 | — | 3 | — | 2 | — | 3 | 7 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 |
| 14 | — | 2 | — | 1 | — | 2 | — | 2 | 11 | 4 | 14 | 5 | — | 2 | 14 | 4 | 15 | 4 | 15 | 7 | 16 | 5 | 16 | 5 |
| 15 | 17 | 6 | 17 | 4 | 17 | 4 | — | 1 | — | 2 | 18 | 7 | 19 | 4 | — | 2 | 19 | 5 | 18 | 5 | — | 2 | 18 | 5 |
| 16 | 18 | 14 | 18 | 13 | 18 | 15 | 18 | 15 | 19 | 17 | 18 | 18 | 19 | 17 | 19 | 16 | 20 | 12 | 19 | 15 | 19 | 14 | 20 | 13 |
| 17 | 20 | 13 | 20 | 15 | 20 | 14 | 20 | 12 | 20 | 15 | 20 | 12 | 20 | 13 | 20 | 15 | 19 | 14 | 18 | 17 | 19 | 15 | 18 | 16 |
| 18 | 23 | 6 | 20 | 4 | 20 | 5 | 20 | 7 | — | 2 | — | 3 | — | 2 | — | 3 | — | 3 | — | 2 | — | 1 | — | 2 |
| 19 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 1 | — | 2 |
| 20 | — | 2 | — | 2 | 25 | 4 | 29 | 4 | — | 3 | — | 2 | 29 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | 1 | 8 |
| 21 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 1 | — | 1 |
| 22 | — | 3 | — | 3 | 7 | 4 | — | 3 | 10 | 4 | 10 | 4 | 10 | 4 | 10 | 4 | 10 | 5 | 13 | 4 | — | 3 | 13 | 5 |
| 23 | 13 | 4 | 13 | 5 | 9 | 4 | 9 | 5 | 9 | 4 | — | 2 | — | 2 | — | 3 | 9 | 4 | — | 3 | — | 2 | — | 2 |
| 24 | — | 2 | 7 | 5 | 4 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | 7 | 4 | 7 | 5 |
| 25 | — | 3 | — | 2 | — | 3 | — | 3 | 21 | 6 | 20 | 4 | 21 | 7 | 21 | 6 | 21 | 5 | 21 | 5 | 21 | 4 | 21 | 7 |
| 26 | 20 | 7 | 23 | 5 | 22 | 7 | 22 | 7 | 21 | 8 | 20 | 11 | 20 | 11 | 21 | 10 | 20 | 12 | 20 | 15 | 20 | 15 | 20 | 17 |
| 27 | 23 | 9 | 23 | 6 | 23 | 8 | 21 | 10 | 21 | 10 | 21 | 12 | 21 | 14 | 21 | 15 | 22 | 14 | 22 | 15 | 22 | 12 | 22 | 14 |
| 28 | 23 | 17 | 23 | 16 | 23 | 16 | 22 | 18 | 22 | 17 | 22 | 16 | 22 | 14 | 22 | 13 | 21 | 13 | 21 | 13 | 21 | 15 | 20 | 16 |
| 29 | 31 | 9 | 32 | 12 | 31 | 13 | 31 | 15 | 30 | 12 | 30 | 12 | 29 | 15 | 29 | 12 | 29 | 12 | 29 | 15 | 28 | 13 | 29 | 12 |
| 30 | 29 | 7 | 29 | 7 | 30 | 7 | 29 | 6 | 30 | 7 | 30 | 7 | 27 | 5 | 27 | 4 | 28 | 7 | 27 | 4 | 25 | 8 | 25 | 8 |
| 31 | 22 | 6 | 23 | 8 | 24 | 7 | 24 | 7 | 24 | 7 | 23 | 5 | 23 | 6 | 23 | 6 | 20 | 7 | 22 | 8 | 23 | 13 | 23 | 12 |
| Mean ... | — | 7 | — | 7 | — | 8 | — | 8 | — | 7 | — | 8 | — | 8 | — | 8 | — | 8 | — | 9 | — | 9 | — | 10 |
| Mean, 1881–1905. | — | 7·2 | — | 7·3 | — | 7·3 | — | 7·2 | — | 7·5 | — | 7·3 | — | 7·3 | — | 7·4 | — | 7·8 | — | 8·3 | — | 9·5 | — | 9·7 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JANUARY, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 7 | — | — | — | — | — | — | — | — | — | — | 04 | 01 | — | — | — | 02 | 09 | 06 | 24 | 12 | 02 | 01 | 04 | 12 | 77 |
| 8 | 13 | 13 | 22 | 06 | 05 | 03 | 02 | 10 | 07 | 02 | — | — | — | — | 01 | 02 | 01 | — | — | 01 | — | — | — | — | 88 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 04 | 02 | 02 | — | — | — | 11 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | 02 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 01 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 13 | 13 | 22 | 06 | 05 | 03 | 04 | 10 | 07 | 02 | 04 | 01 | — | 02 | 01 | 04 | 11 | 09 | 28 | 15 | 04 | 01 | 04 | 12 | 1·82 |
| Average 1871–1905. | ·061 | ·062 | ·079 | ·083 | ·079 | ·074 | ·080 | ·090 | ·091 | ·089 | ·066 | ·068 | ·072 | ·072 | ·087 | ·076 | ·081 | ·081 | ·073 | ·063 | ·069 | ·064 | ·064 | ·061 | 1·788 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JANUARY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 4 | 20 | 4 | 18 | 6 | 21 | 5 | 19 | 6 | 21 | 6 | 26 | 6 | 26 | 6 | 28 | 6 | 26 | 6 | 22 | 5 | 22 | 5 | 25 | 20 | 1 |
| 5 | 29 | 5 | 26 | 5 | 29 | 5 | 25 | 5 | 26 | 5 | 25 | 5 | 25 | 6 | 25 | 7 | 23 | 6 | 25 | 6 | 21 | 6 | 24 | 21 | 2 |
| 6 | 20 | 4 | 19 | 5 | 21 | 4 | 18 | 4 | 14 | 4 | 13 | 3 | 14 | 3 | 12 | 4 | 10 | 5 | 7 | 5 | 5 | 5 | 9 | 14 | 3 |
| 5 | 9 | 5 | 11 | 6 | 12 | 6 | 10 | 5 | 7 | 5 | 7 | 5 | 8 | 5 | 6 | 5 | 4 | — | 2 | — | 3 | 5 | 4 | 8 | 4 |
| — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | 2 | 5 |
| 19 | 18 | 20 | 13 | 20 | 15 | 19 | 14 | 20 | 12 | 21 | 13 | 20 | 12 | 21 | 11 | 20 | 12 | 21 | 12 | 21 | 10 | 21 | 11 | 11 | 6 |
| 18 | 12 | 19 | 15 | 17 | 13 | 18 | 10 | 19 | 11 | 17 | 10 | 20 | 8 | 17 | 7 | 16 | 8 | 16 | 12 | 14 | 8 | 13 | 5 | 11 | 7 |
| 25 | 15 | 25 | 12 | 26 | 11 | 27 | 12 | 27 | 10 | 27 | 10 | 28 | 10 | 32 | 15 | 32 | 16 | 32 | 18 | 32 | 16 | 32 | 16 | 13 | 8 |
| 32 | 14 | 32 | 13 | 32 | 12 | 32 | 12 | 1 | 14 | 2 | 13 | 32 | 12 | 32 | 12 | 1 | 14 | 32 | 12 | 1 | 15 | 1 | 11 | 13 | 9 |
| 1 | 8 | 1 | 10 | 1 | 9 | 1 | 6 | 1 | 4 | 1 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 6 | 10 |
| 22 | 5 | 18 | 5 | — | 3 | — | 0 | — | 1 | — | 2 | — | 1 | 18 | 4 | — | 2 | — | 2 | — | 0 | — | 2 | 2 | 11 |
| 10 | 5 | 10 | 5 | 10 | 7 | 10 | 5 | 10 | 6 | 10 | 6 | 10 | 4 | 7 | 7 | — | 3 | — | 2 | — | 2 | 7 | 4 | 4 | 12 |
| — | 3 | 11 | 6 | 11 | 5 | 11 | 4 | 11 | 4 | 11 | 4 | — | 3 | — | 3 | 11 | 4 | — | 3 | 11 | 4 | — | 2 | 3 | 13 |
| 18 | 5 | — | 3 | 17 | 4 | — | 2 | — | 2 | — | 3 | — | 3 | — | 1 | — | 1 | — | 3 | — | 3 | — | 2 | 3 | 14 |
| 18 | 4 | 18 | 6 | 16 | 7 | 17 | 7 | 17 | 7 | 17 | 6 | 17 | 7 | 17 | 8 | 18 | 12 | 18 | 12 | 18 | 10 | 18 | 12 | 6 | 15 |
| 20 | 12 | 19 | 13 | 19 | 15 | 19 | 14 | 20 | 15 | 19 | 13 | 19 | 11 | 19 | 12 | 19 | 14 | 19 | 15 | 19 | 13 | 18 | 11 | 14 | 16 |
| 19 | 15 | 18 | 14 | 18 | 17 | 19 | 18 | 19 | 15 | 19 | 18 | 19 | 15 | 19 | 18 | 19 | 15 | 19 | 13 | 19 | 8 | 20 | 7 | 14 | 17 |
| — | 3 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 18 |
| — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 1 | 25 | 4 | — | 2 | — | 2 | 2 | 19 |
| 2 | 5 | 1 | 4 | 1 | 4 | 1 | 4 | — | 3 | — | 3 | — | 2 | — | 1 | — | 2 | — | 3 | — | 2 | — | 1 | 3 | 20 |
| — | 1 | — | 2 | — | 2 | — | 2 | 8 | 7 | 8 | 10 | 8 | 7 | 8 | 9 | 8 | 7 | — | 2 | 8 | 4 | 14 | 5 | 3 | 21 |
| 11 | 7 | 12 | 6 | 12 | 4 | 12 | 4 | 12 | 4 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | 4 | 22 |
| — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 2 | 23 |
| 7 | 4 | 7 | 4 | 7 | 4 | — | 3 | — | 3 | 7 | 4 | 7 | 5 | — | 3 | — | 2 | 7 | 5 | 12 | 4 | — | 3 | 3 | 24 |
| 20 | 5 | 20 | 6 | 20 | 6 | 21 | 7 | 22 | 7 | 20 | 9 | 19 | 7 | 19 | 8 | 19 | 15 | 19 | 10 | 19 | 10 | 20 | 7 | 6 | 25 |
| 20 | 19 | 21 | 18 | 21 | 20 | 21 | 21 | 21 | 20 | 21 | 18 | 20 | 14 | 21 | 14 | 22 | 14 | 22 | 11 | 22 | 12 | 22 | 10 | 13 | 26 |
| 23 | 16 | 24 | 17 | 24 | 15 | 22 | 13 | 22 | 12 | 22 | 15 | 22 | 13 | 22 | 12 | 23 | 18 | 24 | 15 | 22 | 13 | 23 | 13 | 13 | 27 |
| 21 | 18 | 22 | 20 | 21 | 15 | 23 | 15 | 24 | 17 | 23 | 12 | 21 | 10 | 21 | 13 | 21 | 8 | 21 | 4 | — | 3 | — | 3 | 13 | 28 |
| 29 | 15 | 31 | 12 | 28 | 9 | 28 | 7 | 28 | 5 | 28 | 5 | 28 | 4 | 28 | 6 | 29 | 5 | 29 | 6 | 28 | 7 | 29 | 6 | 10 | 29 |
| 23 | 9 | 22 | 9 | 22 | 11 | 23 | 10 | 22 | 9 | 22 | 10 | 21 | 10 | 21 | 10 | 20 | 7 | 20 | 5 | 20 | 5 | 21 | 7 | 7 | 30 |
| 23 | 13 | 23 | 14 | 25 | 16 | 23 | 15 | 23 | 15 | 23 | 14 | 22 | 12 | 24 | 15 | 25 | 15 | 25 | 12 | 24 | 12 | 26 | 15 | 11 | 31 |
| — | 10 | — | 10 | — | 10 | — | 9 | — | 9 | — | 9 | — | 8 | — | 9 | — | 9 | — | 8 | — | 7 | — | 7 | 8 | |
| — | 9·7 | — | 9·7 | — | 9·2 | — | 8·5 | — | 8·4 | — | 8·2 | — | 8·2 | — | 7·9 | — | 7·8 | — | 7·8 | — | 7·5 | — | 7·5 | 8·1 | Mean, 1881–1905. |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JANUARY, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰; dull all day, with 𝍐 in afternoon. |
| 2 | — | — | — | — | — | — | ·1 | ·2 | ·4 | — | — | — | — | — | — | — | — | 0·7 | ≋⁰; fair during day; 𝍐 at times. |
| 3 | — | — | — | — | — | — | ·1 | ·8 | ·4 | ·1 | — | — | — | — | — | — | — | 1·4 | ≋⁰; fine greater part of day. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰; fair. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cold day, with ≋. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty; ●⁰ about 7h. |
| 7 | — | — | — | — | — | — | — | — | — | ·1 | ·5 | — | — | — | — | — | — | 0·6 | Dull, wet day, except about 13h.–14h. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●² and ✳ A.M.; dull all day. |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·1 | A.M. overcast, ✳⁰; fairer later. |
| 10 | — | — | — | — | — | — | ·1 | ·3 | ·9 | ·3 | — | — | — | — | — | — | — | 1·6 | ≋⁰; fair to fine. |
| 11 | — | — | — | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | — | 3·5 | Fine and cold day, with ≋⁰. |
| 12 | — | — | — | — | — | — | — | — | — | 1·0 | ·7 | — | — | — | — | — | — | 1·7 | Fine greater part of day, but ≋. |
| 13 | — | — | — | — | — | — | — | — | — | 1·0 | 1·0 | — | — | — | — | — | — | 2·5 | ≋ morning and evening; bright after- |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, dull to fair; ⋓ at 20h. [noon. |
| 15 | — | — | — | — | — | — | — | — | — | — | ·1 | ·4 | — | — | — | — | — | 0·5 | Overcast day, with slight break about 14h.–15h. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋⁰ and drizzling ●. [noon. |
| 17 | — | — | — | — | — | — | — | — | — | ·5 | 1·0 | 1·0 | ·1 | — | — | — | — | 2·6 | Overcast and misty morning; fine after- |
| 18 | — | — | — | — | — | ·3 | — | — | ·8 | 1·0 | 1·0 | ·6 | — | — | — | — | — | 3·7 | ≋ till about 12h., then bright; ≋² later. |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ≋ all day, and ●⁰ about 7h. |
| 20 | — | — | — | — | — | — | ·9 | 1·0 | 1·0 | ·7 | — | — | — | — | — | — | — | 3·6 | Fine greater part of day; ≋² at night. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day; ≋² throughout. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty day; finer in evening. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and gloomy; ≋². |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ all day. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Misty, and rather dull. |
| 26 | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | 0·1 | Dull day, with ● 17h.–21h. [what. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast till evening, then clearing some- |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull to fair; slight squall and ●⁰ about |
| 29 | — | — | — | — | — | ·4 | — | — | ·9 | ·1 | — | — | — | — | — | — | — | 1·4 | Fine day. [14h. |
| 30 | — | — | — | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·1 | — | — | — | — | — | 5·9 | Fair to dull; ●² about 18h. |
| 31 | — | — | — | — | — | — | ·5 | ·1 | ·1 | ·2 | — | — | — | — | — | — | — | 0·9 | |
| | — | — | — | — | — | — | ·6 | ·8 | ·3 | — | — | ·1 | — | — | — | — | — | 1·8 | Fine morning, becoming overcast later; [●⁰ about 21h. |
| | — | — | — | — | — | 1·6 | 2·2 | 3·3 | 6·6 | 7·3 | 7·6 | 3·9 | 0·1 | — | — | — | — | 32·6 | Total. |
| | — | — | — | — | 0·03 | 2·18 | 5·70 | 7·01 | 7·79 | 7·66 | 7·04 | 3·67 | 0·16 | — | — | — | — | 41·25 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JANUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36·2 | 36·2 | 35·9 | 36·2 | 36·6 | 37·0 | 36·1 | 35·2 | 34·9 | 34·9 | 34·6 | 34·7 | 34·6 | 34·4 | 34·5 | 34·7 | 34·7 | 34·7 | 34·6 | 34·4 | 34·3 | 34·8 | 33·7 | 34·1 | 34·1 | 35·0 |
| 2 | 34·1 | 34·0 | 33·7 | 33·6 | 33·3 | 32·9 | 31·9 | 31·0 | 30·7 | 31·0 | 31·8 | 32·0 | 31·5 | 31·3 | 30·7 | 30·4 | 30·0 | 30·0 | 30·1 | 30·4 | 30·6 | 30·1 | 29·2 | 29·0 | 28·7 | 31·3 |
| 3 | 28·7 | 28·0 | 26·4 | 26·3 | 26·0 | 25·7 | 25·0 | 25·3 | 24·9 | 25·8 | 26·3 | 29·0 | 31·6 | 32·1 | 32·4 | 32·1 | 31·3 | 31·0 | 30·1 | 29·6 | 29·2 | 29·2 | 29·2 | 28·8 | 29·0 | 28·5 |
| 4 | 29·0 | 29·3 | 29·5 | 30·0 | 30·1 | 29·9 | 30·0 | 30·0 | 30·0 | 30·3 | 31·2 | 33·6 | 34·8 | 37·0 | 37·1 | 37·3 | 36·3 | 35·4 | 33·3 | 32·7 | 32·3 | 31·2 | 29·6 | 28·3 | 29·0 | 32·0 |
| 5 | 29·0 | 29·3 | 28·9 | 29·5 | 29·0 | 28·2 | 27·2 | 26·3 | 24·8 | 24·9 | 24·4 | 25·1 | 24·9 | 25·7 | 26·3 | 25·0 | 24·4 | 23·1 | 24·6 | 22·2 | 22·1 | 21·3 | 19·4 | 21·1 | 21·2 | 25·1 |
| 6 | 21·2 | 21·2 | 21·1 | 21·1 | 23·0 | 25·3 | 29·0 | 34·2 | 37·6 | 39·9 | 41·1 | 42·0 | 43·1 | 44·7 | 46·2 | 47·2 | 47·6 | 47·6 | 47·5 | 46·9 | 47·1 | 47·0 | 47·4 | 47·1 | 47·2 | 38·7 |
| 7 | 47·2 | 47·3 | 46·9 | 46·0 | 45·4 | 45·5 | 45·4 | 46·0 | 46·4 | 46·9 | 47·5 | 48·6 | 48·6 | 48·4 | 49·4 | 48·7 | 47·9 | 46·0 | 45·7 | 45·3 | 43·9 | 45·2 | 45·6 | 45·3 | 44·7 | 46·6 |
| 8 | 44·7 | 44·3 | 44·6 | 41·0 | 34·5 | 34·0 | 33·9 | 33·9 | 35·2 | 37·9 | 38·7 | 38·8 | 39·3 | 40·2 | 39·9 | 40·7 | 40·0 | 40·0 | 41·1 | 41·4 | 41·3 | 40·0 | 38·9 | 38·4 | 38·2 | 39·2 |
| 9 | 38·2 | 37·3 | 37·2 | 35·2 | 36·1 | 36·1 | 35·9 | 34·3 | 35·0 | 34·4 | 34·9 | 34·6 | 34·6 | 35·1 | 35·4 | 35·1 | 34·8 | 34·9 | 33·9 | 33·0 | 32·8 | 32·2 | 31·6 | 31·3 | 30·7 | 34·6 |
| 10 | 30·7 | 30·9 | 31·6 | 31·9 | 30·9 | 30·6 | 30·8 | 31·0 | 30·8 | 31·3 | 31·9 | 33·0 | 33·9 | 34·9 | 35·3 | 34·6 | 33·5 | 32·1 | 31·2 | 30·0 | 28·3 | 28·6 | 28·0 | 27·1 | 26·7 | 31·3 |
| 11 | 26·7 | 25·9 | 25·0 | 24·3 | 23·7 | 23·4 | 22·5 | 23·2 | 23·1 | 23·3 | 24·7 | 27·6 | 30·0 | 32·6 | 32·5 | 32·6 | 32·0 | 29·1 | 28·0 | 26·9 | 26·7 | 26·7 | 26·6 | 25·3 | 24·0 | 26·7 |
| 12 | 24·0 | 23·1 | 22·8 | 22·6 | 23·9 | 22·3 | 22·3 | 22·1 | 21·0 | 21·1 | 23·5 | 25·0 | 29·1 | 31·5 | 34·2 | 34·4 | 33·6 | 31·3 | 30·5 | 30·1 | 29·6 | 28·6 | 28·1 | 27·6 | 28·4 | 26·9 |
| 13 | 28·4 | 27·3 | 26·3 | 23·8 | 26·0 | 25·0 | 23·7 | 23·5 | 23·8 | 25·3 | 26·3 | 27·9 | 30·4 | 35·3 | 39·5 | 39·0 | 37·2 | 34·7 | 33·3 | 34·3 | 34·6 | 35·2 | 35·4 | 36·0 | 35·8 | 30·7 |
| 14 | 35·8 | 36·6 | 35·3 | 36·3 | 35·9 | 36·0 | 37·9 | 37·1 | 37·8 | 39·6 | 40·8 | 42·8 | 43·4 | 45·0 | 44·0 | 44·9 | 43·4 | 39·9 | 35·0 | 35·9 | 35·0 | 32·0 | 31·3 | 32·1 | 33·3 | 38·0 |
| 15 | 33·3 | 37·9 | 37·9 | 38·1 | 36·7 | 37·1 | 39·7 | 40·7 | 40·3 | 41·1 | 41·7 | 42·8 | 43·9 | 44·9 | 45·6 | 46·1 | 45·8 | 45·6 | 45·4 | 45·1 | 45·2 | 46·0 | 46·0 | 46·3 | 45·9 | 42·5 |
| 16 | 45·9 | 46·0 | 46·1 | 46·7 | 46·9 | 47·6 | 47·1 | 47·8 | 48·3 | 48·8 | 49·3 | 50·3 | 50·3 | 50·0 | 50·0 | 50·1 | 50·1 | 50·1 | 50·0 | 50·0 | 50·0 | 49·9 | 49·8 | 49·9 | 50·0 | 48·9 |
| 17 | 50·0 | 50·2 | 50·0 | 50·4 | 50·3 | 50·3 | 50·0 | 50·1 | 50·0 | 50·1 | 50·9 | 51·3 | 51·1 | 51·4 | 51·9 | 51·9 | 51·6 | 49·3 | 49·0 | 49·4 | 50·0 | 50·4 | 50·0 | 49·0 | 49·0 | 50·3 |
| 18 | 49·0 | 48·3 | 46·4 | 44·8 | 43·6 | 42·3 | 40·6 | 38·1 | 38·4 | 36·0 | 34·0 | 35·3 | 37·7 | 43·0 | 44·7 | 45·0 | 43·3 | 40·6 | 37·9 | 33·9 | 32·1 | 33·0 | 32·1 | 31·3 | 32·2 | 39·3 |
| 19 | 32·2 | 32·0 | 32·1 | 33·0 | 32·9 | 33·1 | 32·9 | 33·1 | 33·7 | 34·0 | 34·6 | 35·9 | 36·3 | 37·6 | 38·3 | 38·8 | 39·2 | 38·9 | 38·7 | 38·0 | 38·7 | 38·3 | 38·6 | 38·8 | 38·8 | 36·0 |
| 20 | 38·8 | 38·9 | 38·9 | 39·2 | 39·0 | 38·9 | 38·1 | 37·9 | 37·2 | 37·1 | 37·1 | 38·7 | 42·0 | 43·1 | 43·3 | 43·2 | 42·0 | 40·7 | 39·3 | 36·6 | 34·0 | 31·5 | 31·4 | 30·3 | 29·4 | 38·0 |
| 21 | 29·4 | 29·0 | 28·0 | 27·3 | 27·4 | 27·8 | 28·4 | 29·0 | 30·0 | 30·9 | 30·6 | 31·4 | 31·0 | 32·9 | 32·9 | 33·2 | 33·7 | 33·5 | 32·8 | 32·7 | 32·6 | 32·1 | 31·9 | 31·1 | 31·2 | 30·9 |
| 22 | 31·2 | 32·0 | 32·5 | 33·6 | 33·7 | 34·2 | 34·3 | 34·7 | 34·9 | 35·6 | 36·4 | 37·0 | 37·9 | 39·1 | 39·5 | 39·6 | 40·0 | 39·6 | 38·5 | 37·6 | 38·7 | 37·0 | 35·5 | 34·0 | 33·4 | 36·2 |
| 23 | 33·4 | 33·0 | 33·0 | 33·6 | 34·1 | 34·3 | 34·2 | 35·1 | 35·7 | 36·0 | 36·6 | 37·0 | 37·2 | 37·9 | 37·0 | 37·6 | 37·2 | 37·3 | 37·4 | 36·9 | 36·5 | 37·3 | 37·3 | 37·3 | 37·3 | 36·0 |
| 24 | 37·3 | 36·7 | 35·3 | 33·1 | 33·1 | 34·1 | 34·4 | 34·7 | 34·9 | 34·4 | 34·4 | 35·3 | 34·8 | 35·3 | 35·4 | 35·3 | 35·6 | 35·9 | 35·8 | 35·3 | 35·7 | 34·9 | 34·0 | 33·9 | 34·9 | 34·9 |
| 25 | 33·9 | 33·1 | 32·3 | 32·3 | 31·7 | 32·1 | 31·4 | 31·3 | 31·6 | 32·3 | 33·0 | 34·0 | 35·7 | 37·1 | 38·1 | 40·0 | 41·0 | 41·0 | 39·7 | 38·9 | 38·6 | 40·6 | 41·0 | 40·8 | 42·0 | 36·1 |
| 26 | 42·0 | 42·2 | 43·0 | 43·1 | 42·9 | 44·6 | 44·3 | 45·0 | 45·0 | 45·9 | 47·0 | 47·9 | 49·0 | 49·4 | 50·0 | 50·2 | 48·7 | 48·2 | 48·0 | 48·6 | 49·1 | 49·5 | 50·0 | 50·0 | 50·0 | 46·8 |
| 27 | 50·0 | 50·3 | 49·9 | 49·9 | 49·7 | 50·0 | 50·2 | 50·4 | 51·1 | 51·4 | 51·6 | 52·2 | 53·1 | 53·9 | 53·0 | 52·6 | 52·1 | 52·0 | 51·5 | *50·4* | *49·4* | *48·2* | 47·1 | 46·0 | 45·8 | 50·6 |
| 28 | 45·8 | 45·9 | 45·0 | 45·0 | 45·0 | 44·6 | 43·7 | 43·7 | 43·0 | 43·6 | 44·0 | 44·2 | 44·8 | 46·0 | 45·9 | 42·6 | 42·0 | 40·4 | 39·0 | 40·4 | 40·3 | 39·7 | 39·1 | 39·2 | 39·0 | 42·9 |
| 29 | 39·0 | 39·1 | 38·9 | 38·1 | 38·1 | 37·1 | 37·0 | 36·5 | 36·1 | 36·7 | 37·7 | 39·7 | 40·7 | 41·4 | 41·9 | 42·2 | 41·7 | 40·6 | 39·6 | 38·6 | 37·2 | 35·9 | 35·2 | 35·2 | 35·8 | 38·4 |
| 30 | 35·8 | 35·4 | 35·2 | 34·7 | 34·6 | 34·3 | 34·7 | 35·0 | 34·6 | 35·0 | 35·9 | 37·1 | 38·0 | 39·0 | 40·1 | 40·0 | 39·4 | 38·7 | 38·3 | 37·1 | 36·9 | 37·4 | 37·9 | 38·1 | 37·0 | 36·8 |
| 31 | 37·0 | 37·9 | 38·3 | 39·4 | 39·5 | 39·5 | 39·0 | 38·6 | 38·1 | 39·4 | 40·8 | 43·9 | 45·1 | 45·9 | 45·4 | 45·9 | 45·0 | 44·0 | 43·3 | 43·3 | 43·8 | 43·7 | 43·6 | 42·3 | 43·1 | 41·9 |
| Mean ... | 36·1 | 36·1 | 35·7 | 35·5 | 35·3 | 35·3 | 35·2 | 35·3 | 35·4 | 35·9 | 36·5 | 37·7 | 38·7 | 39·9 | 40·3 | 40·4 | 39·9 | 39·0 | 38·2 | 37·6 | 37·3 | 37·0 | 36·6 | 36·3 | 36·3 | 37·1 |
| Mean, 1871–1905. | 38·0 | 37·9 | 37·7 | 37·7 | 37·6 | 37·5 | 37·4 | 37·4 | 37·4 | 37·8 | 38·7 | 39·8 | 40·6 | 41·4 | 41·6 | 41·5 | 40·8 | 40·1 | 39·5 | 39·2 | 38·8 | 38·6 | 38·4 | 38·3 | 38·0 | 38·9 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JANUARY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 79 | 81 | 84 | 84 | 82 | 78 | 68 | 71 | 70 | 69 | 68 | 74 | 70 | 65 | 68 | 67 | 69 | 67 | 68 | 65 | 64 | 64 | 66 | 62 | 62 | 70·6 |
| 2 | 62 | 64 | 65 | 65 | 67 | 71 | 66 | 62 | 62 | 61 | 60 | 47 | 46 | 45 | 44 | 45 | 44 | 46 | 47 | 48 | 47 | 47 | 45 | 45 | 48 | 53·9 |
| 3 | 48 | 51 | 56 | 55 | 55 | 54 | 57 | 57 | 57 | 49 | 44 | 42 | 42 | 42 | 42 | 40 | 37 | 39 | 40 | 41 | 41 | 43 | 43 | 53 | 54 | 47·4 |
| 4 | 54 | 53 | 57 | 59 | 60 | 58 | 61 | 57 | 59 | 59 | 63 | 60 | 64 | 57 | 58 | 57 | 59 | 64 | 70 | 72 | 73 | 74 | 78 | 80 | 82 | 63·3 |
| 5 | 82 | 80 | 83 | 79 | 82 | 90 | 87 | 84 | 79 | 77 | 75 | 82 | 75 | 74 | 75 | 74 | 84 | 89 | 84 | 91 | 80 | 97 | 94 | 82 | 79 | 82·4 |
| 6 | 79 | 88 | 79 | 76 | 72 | 76 | 81 | 66 | 86 | 91 | 91 | 97 | 95 | 94 | 96 | 94 | 92 | 94 | 95 | 98 | 97 | 96 | 93 | 93 | 92 | 88·5 |
| 7 | 92 | 90 | 88 | 92 | 95 | 92 | 94 | 91 | 91 | 92 | 94 | 95 | 96 | 96 | 90 | 88 | 90 | 94 | 90 | 93 | 95 | 94 | 95 | 94 | 96 | 92·6 |
| 8 | 96 | 98 | 96 | 92 | 90 | 93 | 93 | 89 | 87 | 86 | 89 | 89 | 87 | 90 | 88 | 88 | 89 | 88 | 90 | 89 | 84 | 82 | 84 | 82 | 77 | 88·8 |
| 9 | 77 | 81 | 77 | 86 | 78 | 75 | 78 | 84 | 73 | 76 | 74 | 76 | 77 | 77 | 75 | 74 | 73 | 67 | 67 | 70 | 70 | 69 | 68 | 59 | 62 | 73·9 |
| 10 | 62 | 58 | 56 | 56 | 62 | 65 | 65 | 65 | 73 | 76 | 76 | 69 | 67 | 58 | 54 | 53 | 58 | 60 | 60 | 66 | 74 | 65 | 70 | 72 | 77 | 64·5 |
| 11 | 77 | 76 | 79 | 84 | 81 | 84 | 86 | 76 | 80 | 74 | 68 | 70 | 64 | 60 | 63 | 62 | 62 | 62 | 72 | 77 | 67 | 75 | 73 | 83 | 86 | 73·3 |
| 12 | 86 | 80 | 83 | 83 | 74 | 72 | 75 | 80 | 78 | 79 | 72 | 62 | 60 | 68 | 64 | 60 | 57 | 56 | 53 | 58 | 53 | 57 | 63 | 68 | 67 | 68·0 |
| 13 | 67 | 75 | 78 | 84 | 76 | 77 | 81 | 84 | 78 | 76 | 80 | 75 | 79 | 74 | 74 | 77 | 81 | 81 | 85 | 84 | 83 | 79 | 82 | 81 | 84 | 79·2 |
| 14 | 84 | 79 | 87 | 86 | 86 | 89 | 89 | 88 | 87 | 86 | 83 | 83 | 83 | 86 | 87 | 88 | 93 | 99 | 97 | 98 | 89 | 96 | 92 | 89 | 88·5 | |
| 15 | 89 | 93 | 92 | 91 | 94 | 95 | 93 | 92 | 93 | 94 | 92 | 91 | 92 | 90 | 89 | 88 | 89 | 92 | 92 | 93 | 93 | 93 | 92 | 94 | 91·9 | |
| 16 | 94 | 92 | 92 | 91 | 94 | 92 | 94 | 93 | 94 | 92 | 91 | 90 | 90 | 93 | 93 | 92 | 92 | 92 | 93 | 93 | 94 | 94 | 95 | 94 | 92·6 | |
| 17 | 94 | 93 | 93 | 90 | 93 | 95 | 87 | 89 | 86 | 86 | 87 | 85 | 86 | 83 | 81 | 79 | 76 | 84 | 85 | 86 | 86 | 90 | 90 | 93 | 93 | 86·8 |
| 18 | 93 | 92 | 93 | 95 | 93 | 95 | 94 | 98 | 94 | 92 | 93 | 94 | 94 | 89 | 86 | 83 | 89 | 92 | 97 | 93 | 98 | 94 | 93 | 91 | 97 | 92·8 |
| 19 | 97 | 87 | 92 | 91 | 92 | 91 | 92 | 93 | 92 | 92 | 94 | 93 | 95 | 92 | 93 | 91 | 92 | 93 | 97 | 95 | 94 | 97 | 95 | 95 | 96 | 93·0 |
| 20 | 96 | 95 | 96 | 94 | 92 | 91 | 93 | 90 | 92 | 90 | 90 | 86 | 74 | 70 | 72 | 74 | 78 | 80 | 84 | 90 | 92 | 90 | 95 | 89 | 90 | 87·1 |
| 21 | 90 | 100 | 98 | 98 | 96 | 91 | 91 | 88 | 88 | 90 | 91 | 88 | 94 | 90 | 95 | 94 | 92 | 92 | 91 | 87 | 86 | 87 | 88 | 88 | 88 | 91·3 |
| 22 | 88 | 91 | 88 | 83 | 85 | 83 | 83 | 86 | 88 | 85 | 85 | 85 | 84 | 84 | 82 | 83 | 84 | 87 | 88 | 91 | 89 | 90 | 95 | 90 | 96 | 86·7 |
| 23 | 96 | 93 | 91 | 93 | 96 | 96 | 94 | 95 | 95 | 95 | 95 | 95 | 93 | 96 | 95 | 96 | 97 | 96 | 96 | 95 | 97 | 97 | 97 | 97 | 95·2 | |
| 24 | 97 | 96 | 97 | 94 | 92 | 92 | 95 | 93 | 93 | 95 | 96 | 95 | 92 | 94 | 93 | 93 | 91 | 91 | 91 | 86 | 88 | 90 | 91 | 89 | 90 | 92·5 |
| 25 | 90 | 92 | 94 | 91 | 91 | 90 | 95 | 96 | 95 | 91 | 89 | 89 | 89 | 88 | 89 | 91 | 92 | 93 | 94 | 93 | 95 | 91 | 92 | 91 | 91 | 91·8 |
| 26 | 91 | 90 | 91 | 92 | 91 | 90 | 91 | 91 | 91 | 92 | 92 | 87 | 84 | 83 | 81 | 80 | 80 | 91 | 96 | 97 | 96 | 95 | 93 | 92 | 93 | 89·9 |
| 27 | 93 | 91 | 93 | 92 | 94 | 93 | 93 | 90 | 88 | 90 | 91 | 90 | 87 | 84 | 85 | 85 | 85 | 84 | 82 | 81 | 78 | 75 | 73 | 68 | 70 | 85·6 |
| 28 | 70 | 72 | 72 | 70 | 70 | 72 | 73 | 73 | 74 | 75 | 73 | 71 | 73 | 69 | 67 | 81 | 77 | 63 | 67 | 73 | 74 | 78 | 83 | 85 | 85 | 73·5 |
| 29 | 85 | 85 | 78 | 78 | 75 | 74 | 81 | 78 | 77 | 72 | 68 | 65 | 60 | 55 | 54 | 61 | 62 | 68 | 73 | 79 | 81 | 83 | 79 | 79 | 75 | 71·8 |
| 30 | 75 | 78 | 78 | 79 | 78 | 72 | 70 | 69 | 69 | 66 | 67 | 66 | 64 | 65 | 63 | 63 | 67 | 71 | 77 | 88 | 92 | 92 | 92 | 90 | 91 | 75·0 |
| 31 | 91 | 91 | 89 | 88 | 85 | 83 | 84 | 85 | 87 | 86 | 81 | 72 | 71 | 68 | 71 | 67 | 72 | 73 | 76 | 76 | 72 | 73 | 71 | 71 | 64 | 77·9 |
| Mean ... | 83·0 | 83·4 | 83·7 | 83·4 | 82·8 | 82·6 | 83·3 | 82·5 | 82·4 | 81·6 | 81·0 | 79·3 | 78·3 | 76·5 | 76·5 | 76·4 | 77·3 | 78·7 | 80·5 | 82·1 | 81·5 | 81·9 | 82·9 | 82·0 | 82·5 | 81·0 |
| Mean, 1886–1905. | 87·5 | 87·4 | 87·6 | 87·6 | 87·6 | 87·2 | 87·9 | 87·9 | 88·0 | 87·4 | 86·5 | 83·9 | 82·5 | 80·7 | 80·3 | 80·5 | 82·5 | 83·5 | 84·8 | 85·4 | 86·3 | 86·3 | 87·1 | 86·9 | 87·6 | 85·6 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. FEBRUARY, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. FEBRUARY, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·403 | 0·121 | 47·3 | 45·3 | 9 | 0·567 | 0·497 | 48·0 | 42·0 | 17 | 0·057 | 9·517 | 51·0 | 46·9 | 25 | 0·357 | 0·156 | 49·5 | 44·5 |
| 2 | 0·487 | 0·390 | 48·9 | 44·1 | 10 | 0·517 | 0·475 | 50·2 | 45·1 | 18 | 0·086 | 9·958 | 51·0 | 47·1 | 26 | 0·330 | 0·028 | 50·5 | 45·0 |
| 3 | 0·576 | 0·274 | 48·4 | 43·7 | 11 | 0·500 | 0·428 | 49·1 | 43·8 | 19 | 0·129 | 0·056 | 51·0 | 47·5 | 27 | 0·028 | 9·711 | 46·9 | 40·0 |
| 4 | 0·727 | 0·576 | 47·7 | 43·2 | 12 | 0·428 | 0·027 | 49·1 | 42·3 | 20 | 0·126 | 9·932 | 50·7 | 46·8 | 28 | 9·722 | **9·472** | 44·3 | **34·5** |
| 5 | 0·732 | 0·676 | 49·9 | 43·9 | 13 | 0·034 | 9·942 | 50·8 | 45·6 | 21 | 9·932 | 9·824 | 49·9 | 43·9 | 29 | 9·902 | 9·600 | 43·5 | 36·0 |
| 6 | 0·823 | 0·699 | 50·6 | 47·4 | 14 | 0·225 | 0·025 | 51·4 | 44·3 | 22 | 9·907 | 9·483 | **52·5** | 45·2 | | | | | |
| 7 | **0·825** | 0·687 | 48·6 | 43·7 | 15 | 0·211 | 9·863 | 49·9 | 42·7 | 23 | 0·038 | 9·797 | 47·9 | 43·9 | | | | | |
| 8 | 0·687 | 0·557 | 47·7 | 43·1 | 16 | 0·229 | 9·654 | 50·4 | 40·5 | 24 | 0·311 | 0·030 | 46·6 | 39·5 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 49·1 | 43·5 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. FEBRUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·163 | 0·155 | 0·152 | 0·147 | 0·134 | 0·128 | 0·123 | 0·137 | 0·172 | 0·207 | 0·242 | 0·264 | 0·290 | 0·299 | 0·302 | 0·309 | 0·319 | 0·336 | 0·354 | 0·373 | 0·384 | 0·392 | 0·393 | 0·403 | 0·399 | 0·262 |
| 2 | 0·399 | 0·406 | 0·406 | 0·405 | 0·406 | 0·419 | 0·426 | 0·447 | 0·455 | 0·474 | 0·477 | 0·483 | 0·481 | 0·473 | 0·465 | 0·465 | 0·467 | 0·463 | 0·454 | 0·458 | 0·454 | 0·430 | 0·415 | 0·404 | 0·390 | 0·443 |
| 3 | 0·390 | 0·374 | 0·364 | 0·332 | 0·305 | 0·280 | 0·287 | 0·310 | 0·341 | 0·369 | 0·390 | 0·407 | 0·415 | 0·413 | 0·416 | 0·435 | 0·453 | 0·466 | 0·490 | 0·499 | 0·517 | 0·528 | 0·553 | 0·560 | 0·576 | 0·416 |
| 4 | 0·576 | 0·581 | 0·584 | 0·591 | 0·593 | 0·622 | 0·639 | 0·647 | 0·653 | 0·675 | 0·678 | 0·691 | 0·688 | 0·695 | 0·691 | 0·689 | 0·679 | 0·690 | 0·708 | 0·716 | 0·724 | 0·717 | 0·714 | 0·718 | 0·725 | 0·668 |
| 5 | 0·725 | 0·729 | 0·721 | 0·725 | 0·714 | 0·715 | 0·709 | 0·706 | 0·708 | 0·711 | 0·707 | 0·704 | 0·702 | 0·698 | 0·692 | 0·683 | 0·679 | 0·684 | 0·683 | 0·691 | 0·693 | 0·696 | 0·694 | 0·698 | 0·699 | 0·702 |
| 6 | 0·699 | 0·703 | 0·707 | 0·712 | 0·707 | 0·711 | 0·718 | 0·728 | 0·739 | 0·742 | 0·755 | 0·766 | 0·773 | 0·770 | 0·766 | 0·761 | 0·762 | 0·770 | 0·774 | 0·790 | 0·806 | 0·814 | 0·815 | 0·820 | 0·817 | 0·757 |
| 7 | 0·817 | 0·820 | 0·816 | 0·812 | 0·802 | 0·802 | 0·797 | 0·802 | 0·807 | 0·814 | 0·802 | 0·804 | 0·792 | 0·779 | 0·757 | 0·746 | 0·733 | 0·735 | 0·731 | 0·724 | 0·720 | 0·718 | 0·707 | 0·694 | 0·687 | 0·769 |
| 8 | 0·687 | 0·675 | 0·659 | 0·647 | 0·625 | 0·624 | 0·618 | 0·613 | 0·607 | 0·611 | 0·608 | 0·613 | 0·605 | 0·595 | 0·584 | 0·575 | 0·571 | 0·567 | 0·559 | 0·568 | 0·567 | 0·570 | 0·572 | 0·571 | 0·565 | 0·601 |
| 9 | 0·565 | 0·567 | 0·560 | 0·558 | 0·546 | 0·541 | 0·545 | 0·540 | 0·530 | 0·539 | 0·547 | 0·555 | 0·551 | 0·532 | 0·525 | 0·514 | 0·501 | 0·501 | 0·504 | 0·505 | 0·507 | 0·508 | 0·509 | 0·512 | 0·513 | 0·531 |
| 10 | 0·513 | 0·509 | 0·500 | 0·494 | 0·481 | 0·485 | 0·477 | 0·484 | 0·486 | 0·496 | 0·498 | 0·503 | 0·497 | 0·493 | 0·481 | 0·480 | 0·475 | 0·483 | 0·481 | 0·487 | 0·486 | 0·493 | 0·490 | 0·495 | 0·500 | 0·490 |
| 11 | 0·500 | 0·497 | 0·486 | 0·488 | 0·483 | 0·471 | 0·462 | 0·470 | 0·476 | 0·477 | 0·482 | 0·480 | 0·480 | 0·473 | 0·458 | 0·445 | 0·433 | 0·434 | 0·440 | 0·444 | 0·445 | 0·440 | 0·435 | 0·437 | 0·428 | 0·463 |
| 12 | 0·428 | 0·414 | 0·390 | 0·367 | 0·347 | 0·342 | 0·326 | 0·309 | 0·303 | 0·295 | 0·271 | 0·262 | 0·230 | 0·206 | 0·171 | 0·145 | 0·116 | 0·104 | 0·095 | 0·092 | 0·074 | 0·067 | 0·060 | 0·049 | 0·027 | 0·219 |
| 13 | 0·027 | 0·025 | 0·010 | 9·999 | 9·983 | 9·978 | 9·974 | 9·974 | 9·967 | 9·974 | 9·975 | 9·978 | 9·979 | 9·969 | 9·955 | 9·945 | 9·949 | 9·948 | 9·953 | 9·961 | 9·956 | 9·957 | 9·999 | 0·012 | 0·031 | 9·977 |
| 14 | 0·031 | 0·043 | 0·053 | 0·077 | 0·092 | 0·120 | 0·147 | 0·164 | 0·185 | 0·217 | 0·216 | 0·224 | 0·216 | 0·194 | 0·169 | 0·152 | 0·140 | 0·119 | 0·104 | 0·101 | 0·095 | 0·081 | 0·074 | 0·052 | 0·025 | 0·128 |
| 15 | 0·025 | 9·987 | 9·977 | 9·939 | 9·895 | 9·889 | 9·867 | 9·865 | 9·898 | 9·949 | 9·985 | 0·017 | 0·043 | 0·053 | 0·075 | 0·082 | 0·093 | 0·109 | 0·128 | 0·147 | 0·173 | 0·184 | 0·193 | 0·199 | 0·211 | 0·036 |
| 16 | 0·221 | 0·217 | 0·218 | 0·226 | 0·224 | 0·227 | 0·221 | 0·219 | 0·225 | 0·217 | 0·214 | 0·199 | 0·188 | 0·137 | 0·096 | 0·047 | 0·004 | 9·969 | 9·927 | 9·898 | 9·854 | 9·847 | 9·769 | 9·720 | 9·654 | 0·074 |
| 17 | 9·654 | 9·627 | 9·599 | 9·572 | 9·535 | 9·549 | 9·564 | 9·548 | 9·545 | 9·568 | 9·623 | 9·668 | 9·706 | 9·747 | 9·798 | 9·845 | 9·904 | 9·941 | 9·977 | 0·004 | 0·031 | 0·054 | 0·041 | 0·047 | 0·038 | 9·764 |
| 18 | 0·038 | 0·055 | 0·017 | 0·006 | 9·978 | 9·969 | 9·965 | 9·970 | 9·998 | 0·008 | 0·005 | 0·010 | 0·026 | 0·025 | 0·028 | 0·030 | 0·033 | 0·043 | 0·053 | 0·063 | 0·077 | 0·079 | 0·081 | 0·080 | 0·077 | 0·027 |
| 19 | 0·077 | 0·073 | 0·061 | 0·062 | 0·064 | 0·067 | 0·067 | 0·065 | 0·083 | 0·093 | 0·096 | 0·109 | 0·122 | 0·113 | 0·106 | 0·103 | 0·108 | 0·113 | 0·118 | 0·120 | 0·124 | 0·124 | 0·117 | 0·120 | 0·126 | 0·097 |
| 20 | 0·126 | 0·116 | 0·100 | 0·087 | 0·082 | 0·072 | 0·057 | 0·062 | 0·074 | 0·069 | 0·055 | 0·055 | 0·051 | 0·041 | 0·029 | 0·022 | 0·013 | 0·004 | 0·004 | 0·003 | 9·988 | 9·976 | 9·959 | 9·948 | 9·932 | 0·037 |
| 21 | 9·932 | 9·930 | 9·908 | 9·875 | 9·843 | 9·837 | 9·831 | 9·829 | 9·833 | 9·834 | 9·854 | 9·867 | 9·866 | 9·869 | 9·862 | 9·861 | 9·860 | 9·869 | 9·885 | 9·909 | 9·908 | 9·908 | 9·909 | 9·905 | 9·904 | 9·874 |
| 22 | 9·904 | 9·878 | 9·844 | 9·799 | 9·769 | 9·747 | 9·657 | 9·628 | 9·575 | 9·518 | 9·505 | 9·515 | 9·582 | 9·625 | 9·656 | 9·695 | 9·734 | 9·774 | 9·799 | 9·825 | 9·841 | 9·849 | 9·855 | 9·861 | 9·866 | 9·724 |
| 23 | 9·866 | 9·866 | 9·851 | 9·838 | 9·823 | 9·822 | 9·806 | 9·802 | 9·799 | 9·806 | 9·817 | 9·832 | 9·842 | 9·866 | 9·888 | 9·904 | 9·921 | 9·948 | 9·966 | 9·987 | 0·008 | 0·023 | 0·033 | 0·026 | 0·032 | 9·893 |
| 24 | 0·030 | 0·044 | 0·047 | 0·051 | 0·058 | 0·085 | 0·108 | 0·117 | 0·143 | 0·160 | 0·191 | 0·213 | 0·234 | 0·248 | 0·247 | 0·242 | 0·228 | 0·239 | 0·283 | 0·290 | 0·309 | 0·308 | 0·304 | 0·301 | 0·292 | 0·234 |
| 25 | 0·292 | 0·275 | 0·248 | 0·209 | 0·183 | 0·162 | 0·158 | 0·162 | 0·173 | 0·202 | 0·233 | 0·243 | 0·245 | 0·250 | 0·263 | 0·265 | 0·270 | 0·300 | 0·322 | 0·329 | 0·337 | 0·338 | 0·321 | 0·326 | 0·330 | 0·255 |
| 26 | 0·330 | 0·326 | 0·305 | 0·297 | 0·263 | 0·250 | 0·231 | 0·195 | 0·175 | 0·150 | 0·118 | 0·114 | 0·090 | 0·085 | 0·063 | 0·051 | 0·055 | 0·056 | 0·071 | 0·073 | 0·067 | 0·062 | 0·050 | 0·046 |

## VALENCIA. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. FEBRUARY, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 29 | 14 | 29 | 10 | 29 | 6 | — | 3 | — | 2 | — | 2 | 29 | 9 | 2 | 14 | 1 | 11 | 1 | 12 | 32 | 12 | 32 | 12 |
| 2 | 30 | 10 | 30 | 10 | 32 | 13 | 31 | 13 | 32 | 14 | 32 | 14 | 31 | 10 | 31 | 7 | 31 | 7 | 31 | 6 | 31 | 7 | 30 | 10 |
| 3 | 21 | 16 | 22 | 15 | 21 | 13 | 22 | 18 | 21 | 22 | 28 | 23 | 30 | 21 | 29 | 21 | 31 | 21 | 31 | 17 | 30 | 18 | 28 | 22 |
| 4 | 32 | 10 | 32 | 10 | 32 | 10 | 32 | 10 | 1 | 8 | 30 | 9 | 2 | 7 | 2 | 4 | 2 | 7 | 2 | 5 | 2 | 5 | 30 | 6 |
| 5 | 25 | 8 | 25 | 5 | 25 | 7 | 24 | 5 | 24 | 7 | 24 | 6 | — | 3 | — | 2 | — | 3 | 24 | 5 | 24 | 6 | 24 | 8 |
| 6 | — | 0 | — | 0 | — | 0 | — | 1 | — | 0 | — | 1 | — | 0 | — | 0 | — | 1 | — | 1 | — | 3 | — | 3 |
| 7 | — | 0 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 2 | — | 3 | 29 | 4 | 29 | 4 | 29 | 4 | — | 3 |
| 8 | — | 2 | — | 0 | — | 1 | 26 | 6 | 26 | 6 | 27 | 4 | 27 | 4 | — | 2 | 27 | 4 | — | 2 | 27 | 5 | 28 | 9 |
| 9 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 0 | — | 1 | — | 2 | — | 3 | — | 3 | — | 2 | — | 3 |
| 10 | — | 2 | — | 3 | 20 | 4 | 20 | 4 | 20 | 7 | 21 | 7 | 22 | 6 | 22 | 6 | 22 | 7 | 22 | 7 | 22 | 6 | 22 | 9 |
| 11 | 16 | 5 | 17 | 5 | 17 | 6 | 17 | 5 | 16 | 5 | 16 | 5 | 16 | 6 | 16 | 7 | 16 | 7 | 15 | 7 | 16 | 6 | 16 | 7 |
| 12 | 10 | 5 | 10 | 4 | 10 | 4 | 11 | 7 | 10 | 7 | 7 | 7 | 11 | 8 | 8 | 10 | 6 | 5 | 8 | 12 | 8 | 15 | 9 | 15 |
| 13 | 13 | 11 | 15 | 7 | 16 | 10 | 16 | 10 | 15 | 9 | 15 | 11 | 15 | 11 | 15 | 11 | 15 | 10 | 15 | 10 | 15 | 10 | 15 | 12 |
| 14 | 23 | 10 | 22 | 18 | 22 | 14 | 22 | 16 | 24 | 18 | 25 | 14 | 23 | 15 | 23 | 14 | 22 | 17 | 22 | 15 | 21 | 12 | 20 | 12 |
| 15 | 20 | 25 | 20 | 22 | 20 | 21 | 20 | 23 | 22 | 18 | 26 | 7 | 29 | 7 | 28 | 17 | 29 | 17 | 28 | 16 | 26 | 15 | 25 | 18 |
| 16 | 25 | 13 | 25 | 12 | 25 | 12 | 25 | 8 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 14 | 8 | 15 | 9 | 14 | 14 |
| 17 | 21 | 18 | 21 | 20 | 21 | 18 | 21 | 19 | 23 | 26 | 24 | 21 | 23 | 23 | 23 | 26 | 25 | 34 | 27 | 27 | 28 | 24 | 28 | 31 |
| 18 | 24 | 21 | 23 | 19 | 24 | 18 | 24 | 19 | 24 | 21 | 24 | 19 | 25 | 26 | 27 | 20 | 27 | 19 | 27 | 21 | 28 | 23 | 28 | 24 |
| 19 | 25 | 25 | 26 | 27 | 26 | 23 | 26 | 23 | 26 | 22 | 25 | 25 | 26 | 23 | 27 | 18 | 27 | 17 | 25 | 19 | 27 | 16 | 27 | 15 |
| 20 | 24 | 8 | 23 | 7 | 23 | 9 | 24 | 10 | 24 | 8 | 24 | 9 | 24 | 10 | 23 | 6 | 23 | 7 | 23 | 7 | 22 | 11 | 22 | 15 |
| 21 | 19 | 12 | 19 | 12 | 20 | 16 | 20 | 19 | 20 | 16 | 20 | 17 | 21 | 22 | 22 | 25 | 21 | 29 | 22 | 27 | 22 | 24 | 22 | 29 |
| 22 | 20 | 17 | 20 | 17 | 20 | 21 | 20 | 21 | 20 | 23 | 20 | 23 | 20 | 28 | 20 | 27 | 20 | 33 | 20 | 34 | 22 | 40 | 23 | 40 |
| 23 | 24 | 21 | 23 | 18 | 22 | 21 | 23 | 18 | 25 | 19 | 22 | 17 | 23 | 19 | 24 | 15 | 25 | 17 | 26 | 18 | 27 | 18 | 27 | 17 |
| 24 | 26 | 34 | 25 | 34 | 27 | 32 | 27 | 32 | 28 | 30 | 28 | 33 | 29 | 31 | 29 | 28 | 30 | 25 | 30 | 26 | 28 | 23 | 30 | 23 |
| 25 | 25 | 12 | 25 | 10 | 22 | 9 | 22 | 10 | 27 | 18 | 27 | 20 | 28 | 21 | 29 | 27 | 31 | 21 | 31 | 18 | 31 | 18 | 31 | 23 |
| 26 | 27 | 10 | 25 | 7 | 23 | 13 | 23 | 11 | 22 | 14 | 22 | 14 | 21 | 14 | 21 | 17 | 21 | 22 | 21 | 21 | 22 | 20 | 22 | 20 |
| 27 | 25 | 26 | 23 | 23 | 23 | 25 | 24 | 26 | 24 | 26 | 24 | 26 | 24 | 28 | 25 | 29 | 25 | 27 | 25 | 29 | 24 | 29 | 26 | 29 |
| 28 | 24 | 33 | 24 | 37 | 23 | 39 | 24 | 37 | 25 | 39 | 25 | 40 | 28 | 34 | 28 | 32 | 28 | 32 | 28 | 29 | 26 | 27 | 28 | 27 |
| 29 | 29 | 31 | 31 | 27 | 28 | 21 | 31 | 31 | 31 | 37 | 2 | 35 | 32 | 31 | 31 | 34 | 31 | 32 | 32 | 27 | 31 | 30 | 30 | 29 |
| Mean ... | — | 14 | — | 13 | — | 13 | — | 14 | — | 15 | — | 14 | — | 15 | — | 15 | — | 15 | — | 15 | — | 15 | — | 17 |
| Mean, 1881–1905. | — | 13·5 | — | 13·3 | — | 13·4 | — | 13·2 | — | 13·2 | — | 13·1 | — | 13·1 | — | 12·9 | — | 13·2 | — | 13·1 | — | 13·1 | — | 14·8 |

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 32 | 10 | 32 | 11 | 32 | 10 | 32 | 10 | 31 | 12 | 31 | 13 | 31 | 12 | 31 | 11 | 31 | 5 | — | 1 | — | 2 | 31 | 10 | 9 | 1 |
| 2 | 28 | 10 | 28 | 7 | 26 | 6 | 26 | 8 | 26 | 8 | 26 | 4 | 25 | 4 | 22 | 4 | 20 | 5 | 20 | 7 | 22 | 10 | 22 | 18 | 9 | 2 |
| 3 | 20 | 29 | 22 | 22 | 29 | 22 | 28 | 21 | 31 | 21 | 31 | 20 | 31 | 21 | 29 | 23 | 31 | 18 | 31 | 15 | 32 | 15 | 32 | 12 | 10 | 3 |
| 4 | 30 | 6 | 32 | 7 | 32 | 7 | 32 | 7 | 32 | 5 | 32 | 4 | — | 2 | — | 1 | — | 2 | — | 1 | 32 | 4 | 25 | 9 | 6 | 4 |
| 5 | 24 | 8 | 24 | 6 | 24 | 5 | 24 | 5 | 24 | 4 | — | 2 | — | 1 | — | 0 | — | 2 | — | 2 | — | 0 | — | 1 | 4 | 5 |
| 6 | 24 | 4 | 24 | 4 | 27 | 7 | 27 | 7 | 29 | 11 | 30 | 8 | 30 | 7 | 30 | 5 | 29 | 5 | 29 | 4 | — | 3 | — | 2 | 3 | 6 |
| 7 | 27 | 4 | 26 | 6 | 26 | 6 | 26 | 7 | 26 | 4 | 26 | 5 | 27 | 5 | 27 | 7 | 26 | 5 | — | 3 | — | 1 | — | 2 | 4 | 7 |
| 8 | 28 | 9 | 27 | 10 | 29 | 7 | 29 | 8 | 31 | 7 | 31 | 6 | 31 | 5 | 31 | 7 | 32 | 7 | 31 | 6 | 31 | 5 | 31 | 4 | 5 | 8 |
| 9 | 17 | 4 | 19 | 4 | 19 | 6 | 20 | 7 | 21 | 5 | 21 | 4 | 22 | 8 | 22 | 6 | — | 3 | — | 2 | 22 | 7 | 22 | 4 | 4 | 9 |
| 10 | 22 | 9 | 22 | 10 | 22 | 8 | 22 | 5 | 22 | 4 | — | 3 | — | 2 | — | 3 | — | 3 | 18 | 6 | 20 | 8 | 20 | 6 | 6 | 10 |
| 11 | 16 | 7 | 20 | 7 | 20 | 6 | 16 | 7 | 16 | 7 | 16 | 6 | 16 | 7 | 16 | 5 | 16 | 7 | 16 | 7 | 14 | 7 | 14 | 6 | 6 | 11 |
| 12 | 9 | 10 | 10 | 9 | 12 | 14 | 11 | 14 | 12 | 16 | 12 | 18 | 11 | 16 | 12 | 16 | 13 | 15 | 11 | 13 | 12 | 14 | 12 | 15 | 11 | 13 |
| 13 | 15 | 10 | 15 | 9 | 16 | 8 | 16 | 6 | 17 | 7 | 16 | 7 | 16 | 7 | 16 | 5 | 18 | 11 | 23 | 10 | 23 | 12 | 24 | 10 | 9 | 13 |
| 14 | 17 | 15 | 16 | 15 | 19 | 18 | 20 | 21 | 20 | 22 | 20 | 22 | 20 | 26 | 20 | 23 | 20 | 25 | 20 | 24 | 20 | 24 | 20 | 23 | 18 | 14 |
| 15 | 26 | 19 | 27 | 15 | 27 | 15 | 24 | 18 | 26 | 17 | 25 | 18 | 25 | 16 | 25 | 16 | 25 | 17 | 25 | 17 | 26 | 16 | 25 | 15 | 17 | 15 |
| 16 | 14 | 18 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 13 | 15 | 15 | 15 | 13 | 15 | 10 | 16 | 9 | 18 | 9 | 17 | 12 | 20 | 15 | 10 | 16 |
| 17 | 29 | 33 | 29 | 34 | 29 | 32 | 29 | 27 | 29 | 23 | 29 | 23 | 28 | 21 | 27 | 18 | 27 | 18 | 26 | 15 | 24 | 21 | 25 | 18 | 24 | 17 |
| 18 | 27 | 23 | 28 | 23 | 28 | 22 | 28 | 21 | 27 | 16 | 27 | 18 | 27 | 21 | 27 | 21 | 25 | 22 | 25 | 23 | 25 | 22 | 25 | 26 | 21 | 18 |
| 19 | 27 | 16 | 27 | 15 | 27 | 15 | 26 | 17 | 27 | 14 | 26 | 11 | 25 | 18 | 25 | 16 | 25 | 16 | 23 | 10 | 22 | 15 | 23 | 14 | 18 | 19 |
| 20 | 22 | 12 | 23 | 11 | 23 | 11 | 22 | 15 | 22 | 9 | 22 | 7 | 19 | 6 | 19 | 10 | 19 | 8 | 17 | 9 | 18 | 10 | 20 | 13 | 10 | 20 |
| 21 | 26 | 22 | 29 | 23 | 28 | 22 | 29 | 22 | 28 | 23 | 29 | 24 | 24 | 22 | 27 | 22 | 26 | 22 | 24 | 21 | 26 | 21 | 23 | 24 | 21 | |
| 22 | 36 | 23 | 34 | 24 | 34 | 34 | 24 | 32 | 24 | 30 | 24 | 29 | 24 | 25 | 24 | 24 | 25 | 21 | 24 | 21 | 25 | 26 | 24 | 21 | 27 | 22 |
| 23 | 31 | 27 | 22 | 26 | 33 | 27 | 23 | 28 | 21 | 27 | 24 | 25 | 29 | 26 | 25 | 27 | 25 | 26 | 30 | 26 | 33 | 27 | 32 | 22 | 23 | |
| 24 | 29 | 23 | 30 | 23 | 29 | 23 | 30 | 24 | 29 | 25 | 30 | 21 | 30 | 20 | 31 | 16 | 30 | 15 | 29 | 14 | 27 | 12 | 25 | 11 | 24 | 24 |
| 25 | 30 | 27 | 31 | 27 | 31 | 25 | 31 | 27 | 31 | 23 | 31 | 20 | 31 | 18 | 31 | 15 | 31 | 12 | 31 | 15 | 31 | 10 | 29 | 10 | 18 | 25 |
| 26 | 23 | 18 | 24 | 18 | 26 | 26 | 26 | 20 | 28 | 13 | 28 | 15 | 25 | 21 | 27 | 21 | 25 | 18 | 24 | 22 | 26 | 22 | 17 | 26 | | |
| 27 | 24 | 28 | 25 | 29 | 26 | 30 | 25 | 29 | 25 | 33 | 25 | 34 | 25 | 33 | 25 | 29 | 26 | 29 | 25 | 30 | 25 | 32 | 24 | 34 | 29 | 27 |
| 28 | 27 | 29 | 27 | 28 | 27 | 29 | 27 | 33 | 26 | 35 | 23 | 32 | 28 | 32 | 28 | 35 | 27 | 32 | 30 | 34 | 31 | 40 | 29 | 34 | 33 | 28 |
| 29 | 31 | 33 | 31 | 33 | 31 | 29 | 31 | 32 | 31 | 31 | 31 | 32 | 32 | 27 | 32 | 26 | 32 | 29 | 32 | 28 | 32 | 28 | 1 | 23 | 30 | 29 |
| | — | 17 | — | 17 | — | 17 | — | 17 | — | 16 | — | 15 | — | 15 | — | 15 | — | 14 | — | 14 | — | 15 | — | 15 | 15 | |
| | — | 15·5 | — | 15·5 | — | 15·5 | — | 15·0 | — | 14·5 | — | 13·6 | — | 13·3 | — | 13·2 | — | 13·4 | — | 13·6 | — | 13·5 | — | 13·6 | 13·8 | Mean, 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## VALENCIA. TABLE IV.—Rainfall in Hundredths of English Inches. FEBRUARY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | 02 | 02 | 01 | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 01 | 10 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 3 | 01 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 03 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | 01 | 01 | 01 | 01 | 01 | 01 | 08 |
| 6 | 01 | 01 | 01 | 01 | — | — | — | 01 | — | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 07 |
| 7 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 8 | — | 01 | — | — | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 9 | — | — | — | — | — | — | — | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | 01 | — | — | 03 |
| 10 | — | — | 03 | — | 01 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 07 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 03 | 02 | 04 | — | — | — | 10 |
| 15 | 06 | 08 | 08 | 05 | 36 | 08 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 04 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 01 | — | — | 74 |
| 17 | 02 | 01 | 02 | 04 | 02 | — | — | — | — | — | — | — | — | 02 | 02 | 01 | 01 | 07 | 07 | 08 | 08 | 06 | 01 | 09 | 52 |
| 18 | — | — | — | — | 01 | — | 01 | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | 16 |
| 19 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 03 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 02 |
| 20 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 21 | — | 01 | — | — | 01 | — | — | 02 | — | — | — | 03 | — | — | 01 | 01 | — | — | 02 | — | — | — | — | — | 11 |
| 22 | — | — | — | — | — | — | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 23 | — | — | — | — | — | 01 | 01 | 02 | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | 06 |
| 24 | — | — | — | — | — | 03 | — | — | — | 01 | 01 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 06 |
| 25 | — | — | 01 | 01 | — | — | — | — | 01 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 26 | — | — | — | — | — | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 27 | — | — | — | — | 01 | 01 | — | — | 02 | — | — | 01 | — | — | — | — | — | — | 01 | 01 | — | 01 | 02 | 13 | |
| 28 | 02 | 01 | — | 01 | 04 | — | 02 | 01 | — | — | — | 01 | 01 | — | — | — | 03 | — | 01 | 05 | — | — | — | — | 22 |
| 29 | 01 | 01 | — | 04 | 01 | 01 | 01 | 02 | 01 | 01 | 01 | 01 | — | — | 01 | 01 | 01 | 01 | 02 | 05 | 01 | 01 | — | 02 | 30 |
| Sum ... | 13 | 15 | 19 | 19 | 49 | 17 | 08 | 12 | 08 | 07 | 03 | 11 | 01 | 05 | 04 | 05 | 07 | 12 | 16 | 22 | 15 | 11 | 04 | 19 | 3·02 |
| Average 1871–1905. | ·220 | ·223 | ·227 | ·227 | ·209 | ·188 | ·183 | ·185 | ·188 | ·189 | ·211 | ·213 | ·174 | ·186 | ·190 | ·217 | ·236 | ·185 | ·192 | ·221 | ·213 | ·215 | ·219 | ·242 | 4·953 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

## VALENCIA. TABLE V.—Duration of Bright Sunshine in Hours. FEBRUARY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day; ●⁰; ≋° at night. |
| 2 | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | 0·1 | Cloudy day; ≋°. |
| 3 | — | — | — | — | — | ·7 | ·6 | ·7 | ·8 | ·5 | ·1 | ·4 | — | — | — | — | — | 3·8 | Fair to dull; ●⁰. |
| 4 | — | — | — | — | ·1 | ·4 | ·5 | ·2 | — | — | ·1 | — | — | — | — | — | — | 1·3 | Fair during day; dull at night, during evening |
| 5 | — | — | — | — | — | — | — | — | — | — | ·7 | — | — | — | — | — | — | 0·7 | Misty day, becoming gloomy, with ●⁰ |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ●⁰ and ≋. |
| 7 | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | — | 0·2 | Cloudy day, but visibility good. |
| 8 | — | — | — | — | — | — | — | — | ·4 | ·2 | ·05 | — | — | — | — | — | — | 0·65 | Dull all day and ●⁰. |
| 9 | — | — | — | — | — | — | — | — | — | ·3 | ·1 | — | — | — | — | — | — | 0·4 | Overcast most of day; ≋; ●⁰, in afternoon. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● early; misty day, clearing somewhat |
| 11 | — | — | — | — | — | — | — | ·1 | ·1 | ·6 | ·6 | — | — | — | — | — | — | 1·4 | Cloudy day, inclined to clear from 22h. |
| 12 | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·3 | ·5 | — | — | — | — | — | 5·9 | Fine to dull. |
| 13 | — | — | — | — | — | — | ·6 | 1·0 | ·3 | ·2 | ·1 | — | — | — | — | — | — | 2·2 | Cloudy day; ≋⁰; and ● 19h. to 21h. |
| 14 | — | — | — | — | ·2 | 1·0 | ·8 | ·1 | ·5 | ·8 | — | — | — | — | — | — | — | 3·4 | Fair to dull and gloomy; 🌧 P.M. |
| 15 | — | — | — | — | — | ·2 | ·3 | ·6 | ·9 | 1·0 | ·6 | ·7 | ·1 | — | — | — | — | 4·4 | ●² till 6h.; becoming fair later. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● from 14h. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·4 | Gloomy and squally. [16h.; ≋ at night. |
| 18 | — | — | — | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | — | 0·1 | Gloomy day, brightening a little about |
| 19 | — | — | — | — | — | — | — | — | ·05 | ·05 | — | — | — | — | — | — | — | — | Overcast and ≋⁰ all day. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ≋ till after mid-day. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1·4 | Squally and showery. |
| 22 | — | — | — | — | — | ·6 | — | ·5 | ·2 | ·05 | ·05 | — | — | — | — | — | — | — | Gloomy day, brightening about 16h.; 🌧. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5·1 | Showery to fair; 🌧 P.M. |
| 24 | — | — | — | — | ·1 | ·3 | ·6 | ·8 | ·9 | ·8 | ·7 | ·7 | ·2 | — | — | — | — | 1·1 | Squally and showery day; dull night. |
| 25 | — | — | — | — | ·1 | ·1 | — | ·1 | — | ·1 | ·1 | ·3 | ·3 | — | — | — | — | 3·9 | A.M. dull with ●⁰; P.M. brighter. |
| 26 | — | — | — | — | — | ·1 | ·1 | ·1 | ·8 | ·7 | 1·0 | ·9 | ·2 | — | — | — | — | 0·5 | Overcast day, with ≋° clearing in evening. |
| 27 | — | — | — | — | — | — | — | — | — | — | ·1 | — | ·4 | — | — | — | — | 2·1 | 🌧, △ and ● showers throughout the day. |
| 28 | — | — | — | — | — | ·2 | ·5 | ·2 | — | ·3 | ·6 | ·2 | ·1 | — | — | — | — | 4·0 | Squally day, with bright intervals; ▲², 🌧. |
| 29 | — | — | — | — | ·3 | ·7 | ·3 | ·3 | ·5 | ·5 | ·7 | ·5 | ·2 | — | — | — | — | 4·0 | ⅋ during night; squally day, with frequent ▲ and ✳ showers. |
| | — | — | — | — | 1·4 | 5·7 | 6·3 | 6·1 | 7·45 | 7·1 | 6·4 | 4·6 | 2·0 | — | — | — | — | 47·05 | Total. |
| | — | — | — | 0·17 | 3·15 | 7·21 | 9·17 | 9·89 | 9·82 | 9·55 | 9·59 | 7·86 | 4·55 | 0·58 | — | — | — | 71·53 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. FEBRUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 45·9 | 46·6 | 46·4 | 45·4 | 45·3 | 45·4 | 45·5 | 46·3 | 45·8 | 45·7 | 46·4 | 46·3 | 46·6 | 46·7 | 47·0 | 47·0 | 46·8 | 47·0 | 46·7 | 46·9 | 46·6 | 46·3 | 45·9 | 46·0 | 47·3 | 46·3 |
| 2 | 47·3 | 47·9 | 47·8 | 48·5 | 48·5 | 48·7 | 48·7 | 48·4 | 47·6 | 47·7 | 47·6 | 47·9 | 47·9 | 47·9 | 48·3 | 48·8 | 48·7 | 48·4 | 45·3 | 44·4 | 45·4 | 44·9 | 45·1 | 46·3 | 46·4 | 47·4 |
| 3 | 46·4 | 46·7 | 46·7 | 46·8 | 47·4 | 47·9 | 47·7 | 47·0 | 45·9 | 45·2 | 45·7 | 45·9 | 46·6 | 46·7 | 46·6 | 46·5 | 46·5 | 45·3 | 44·4 | 44·5 | 44·8 | 44·5 | 45·2 | 44·7 | 44·9 | 46·0 |
| 4 | 44·9 | 44·7 | 45·2 | 44·9 | 44·6 | 45·0 | 44·8 | 44·1 | 43·8 | 44·4 | 45·3 | 45·9 | 46·7 | 46·9 | 47·0 | 47·6 | 47·1 | 45·7 | 45·6 | 45·7 | 44·7 | 44·3 | 44·1 | 44·0 | 45·5 | 45·3 |
| 5 | 45·5 | 45·6 | 45·2 | 45·3 | 44·7 | 44·9 | 44·9 | 44·6 | 44·4 | 45·2 | 46·7 | 47·5 | 47·7 | 48·7 | 49·2 | 49·9 | 48·6 | 48·2 | 47·7 | 47·7 | 47·8 | 47·9 | 47·8 | 47·9 | 47·9 | 46·9 |
| 6 | 47·9 | 47·9 | 47·8 | 47·9 | 47·7 | 47·8 | 47·6 | 47·8 | 47·8 | 48·0 | 48·7 | 49·8 | 50·2 | 50·4 | 50·5 | 49·9 | 49·2 | 48·4 | 47·8 | 47·7 | 47·6 | 47·7 | 47·4 | 47·5 | 47·5 | 48·4 |
| 7 | 47·5 | 47·8 | 47·5 | 46·9 | 46·5 | 46·4 | 46·7 | 46·8 | 46·7 | 46·8 | 46·8 | 47·4 | 47·5 | 47·9 | 47·8 | 47·5 | 46·5 | 46·4 | 46·2 | 45·6 | 45·4 | 44·9 | 43·9 | 44·0 | 43·9 | 46·5 |
| 8 | 43·9 | 43·8 | 43·3 | 43·8 | 44·4 | 44·6 | 44·6 | 44·6 | 44·5 | 44·8 | 45·5 | 46·7 | 46·7 | 47·2 | 47·5 | 46·9 | 46·7 | 46·2 | 45·9 | 44·8 | 44·9 | 44·7 | 44·7 | 44·4 | 44·4 | 45·2 |
| 9 | 44·4 | 44·1 | 43·7 | 43·8 | 43·3 | 43·1 | 43·1 | 42·9 | 42·5 | 42·2 | 42·7 | 43·8 | 45·2 | 46·7 | 47·3 | 47·8 | 47·6 | 47·5 | 46·7 | 46·7 | 45·0 | 44·9 | 45·1 | 45·7 | 45·2 | 44·8 |
| 10 | 45·2 | 45·5 | 45·7 | 46·2 | 46·7 | 47·3 | 47·3 | 47·2 | 47·4 | 47·8 | 48·1 | 48·5 | 49·1 | 49·6 | 50·1 | 50·0 | 49·6 | 49·1 | 48·7 | 48·5 | 48·2 | 48·1 | 47·9 | 47·5 | 46·7 | 47·9 |
| 11 | 46·7 | 46·6 | 46·4 | 45·9 | 45·3 | 45·3 | 45·1 | 44·9 | 44·5 | 44·9 | 45·7 | 47·0 | 48·3 | 48·6 | 48·9 | 48·4 | 48·2 | 47·6 | 46·4 | 45·4 | 45·3 | 44·7 | 43·9 | 45·1 | 44·8 | 46·2 |
| 12 | 44·8 | 44·6 | 43·9 | 43·4 | 44·6 | 44·9 | 43·9 | 44·8 | 44·4 | 43·8 | 45·5 | 46·4 | 47·6 | 47·9 | 48·4 | 48·1 | 47·8 | 47·9 | 47·7 | 48·3 | 48·4 | 48·5 | 48·4 | 48·2 | 48·4 | 46·4 |
| 13 | 48·4 | 48·7 | 47·9 | 46·8 | 46·6 | 46·9 | 47·0 | 47·2 | 46·4 | 46·8 | 48·0 | 49·7 | 50·4 | 50·3 | 48·3 | 49·5 | 49·0 | 48·4 | 47·5 | 46·8 | 46·2 | 46·1 | 45·9 | 46·3 | 45·6 | 47·7 |
| 14 | 45·6 | 45·1 | 45·5 | 45·6 | 45·7 | 45·8 | 45·2 | 45·4 | 44·6 | 45·4 | 46·3 | 47·9 | 47·8 | 49·8 | 50·7 | 50·2 | 50·0 | 49·9 | 49·0 | 50·3 | 50·2 | 50·4 | 50·5 | 50·5 | 49·9 | 47·9 |
| 15 | 49·9 | 48·9 | 48·8 | 47·7 | 49·4 | 49·5 | 47·1 | 46·4 | 45·5 | 44·0 | 45·3 | 45·8 | 45·5 | 45·8 | 45·5 | 46·5 | 44·6 | 44·5 | 44·5 | 44·3 | 43·7 | 43·9 | 43·8 | 44·1 | 43·9 | 45·9 |
| 16 | 43·9 | 44·2 | 44·3 | 44·3 | 44·1 | 44·0 | 43·8 | 41·7 | 40·0 | 41·5 | 44·3 | 45·1 | 46·5 | 45·5 | 45·4 | 45·8 | 46·8 | 47·8 | 48·5 | 49·3 | 49·3 | 49·5 | 49·9 | 49·9 | 50·4 | 45·8 |
| 17 | 50·4 | 50·9 | 50·6 | 50·6 | 50·0 | 48·7 | 47·5 | 47·7 | 47·3 | 47·8 | 49·3 | 49·3 | 48·0 | 48·7 | 48·8 | 48·7 | 48·6 | 48·3 | 47·7 | 47·7 | 47·5 | 47·8 | 47·7 | 47·6 | 47·7 | 48·6 |
| 18 | 47·7 | 47·7 | 47·4 | 47·9 | 48·4 | 48·7 | 48·6 | 49·5 | 49·0 | 49·1 | 50·1 | 50·5 | 50·9 | 50·9 | 50·9 | 50·7 | 50·5 | 49·9 | 49·6 | 49·6 | 49·6 | 49·7 | 49·2 | 49·3 | 49·5 | 49·5 |
| 19 | 49·5 | 49·7 | 49·8 | 49·7 | 49·9 | 50·2 | 50·4 | 50·3 | 50·2 | 50·1 | 50·2 | 50·4 | 50·3 | 50·7 | 50·0 | 50·4 | 49·8 | 49·6 | 49·4 | 49·3 | 49·3 | 48·9 | 48·5 | 48·5 | 47·5 | 49·8 |
| 20 | 47·5 | 47·2 | 47·5 | 47·6 | 47·4 | 46·9 | 46·8 | 46·0 | 47·2 | 47·7 | 48·2 | 48·9 | 50·2 | 50·5 | 50·1 | 50·4 | 50·0 | 49·7 | 49·4 | 48·9 | 48·8 | 48·9 | 48·7 | 48·5 | 48·5 | 48·5 |
| 21 | 48·5 | 48·0 | 48·4 | 48·9 | 49·6 | 49·7 | 49·6 | 48·9 | 48·1 | 47·9 | 47·4 | 47·4 | 47·7 | 47·2 | 45·9 | 44·6 | 46·3 | 45·8 | 46·0 | 44·0 | 46·5 | 46·7 | 46·6 | 46·6 | 46·4 | 47·3 |
| 22 | 46·4 | 46·0 | 47·2 | 47·9 | 48·1 | 48·3 | 48·9 | 49·6 | 50·3 | 50·1 | 50·5 | 51·4 | 50·6 | 49·7 | 49·8 | 48·7 | 48·7 | 47·8 | 47·5 | 47·1 | 46·7 | 47·3 | 46·5 | 46·6 | 45·7 | 48·4 |
| 23 | 45·7 | 44·9 | 45·4 | 45·7 | 45·3 | 45·9 | 45·4 | 45·0 | 45·1 | 45·3 | 45·5 | 46·4 | 46·5 | 47·1 | 45·2 | 45·5 | 46·2 | 43·9 | 45·0 | 46·6 | 45·6 | 45·9 | 45·0 | 45·7 | 45·7 | 45·6 |
| 24 | 45·7 | 46·3 | 44·9 | 44·2 | 45·4 | 44·1 | 41·8 | 44·3 | 42·6 | 43·9 | 42·6 | 43·8 | 44·3 | 45·8 | 45·9 | 46·5 | 46·4 | 44·6 | 44·4 | 44·7 | 44·5 | 45·8 | 45·4 | 46·2 | 46·1 | 44·8 |
| 25 | 46·1 | 46·1 | 46·4 | 45·9 | 46·6 | 48·8 | 49·5 | 48·9 | 48·6 | 47·9 | 48·1 | 47·9 | 48·5 | 48·8 | 48·8 | 49·0 | 48·3 | 47·5 | 47·0 | 46·5 | 45·7 | 46·0 | 45·6 | 45·7 | 45·8 | 47·4 |
| 26 | 45·8 | 46·0 | 45·9 | 46·2 | 45·7 | 45·9 | 45·1 | 45·6 | 46·6 | 48·8 | 49·3 | 48·9 | 48·9 | 49·1 | 49·2 | 49·3 | 49·3 | 49·1 | 47·7 | 47·7 | 46·8 | 46·8 | 46·8 | 47·3 | 46·8 | 47·5 |
| 27 | 46·8 | 46·5 | 46·6 | 46·7 | 45·7 | 45·5 | 44·3 | 45·2 | 44·7 | 43·7 | 44·9 | 44·2 | 44·6 | 45·9 | 45·8 | 44·5 | 43·6 | 43·8 | 43·6 | 43·3 | 43·2 | 43·1 | 43·3 | 43·9 | 42·2 | 44·6 |
| 28 | 42·2 | 41·1 | 42·9 | 42·8 | 42·6 | 42·4 | 42·6 | 40·5 | 37·2 | 37·8 | 39·5 | 41·6 | 41·8 | 42·6 | 42·4 | 41·5 | 43·4 | 43·9 | 39·3 | 40·0 | 39·9 | 38·7 | 40·5 | 40·8 | 41·3 | 41·1 |
| 29 | 41·3 | 42·8 | 42·5 | 41·8 | 41·7 | 43·4 | 42·2 | 42·0 | 42·2 | 39·7 | 38·7 | 40·5 | 39·5 | 40·8 | 37·9 | 38·2 | 41·5 | 38·9 | 39·5 | 38·1 | 37·8 | 37·4 | 37·9 | 37·2 | 36·9 | 40·1 |
| Mean ... | 46·3 | 46·3 | 46·3 | 46·2 | 46·2 | 46·4 | 46·1 | 46·0 | 45·6 | 45·7 | 46·3 | 47·0 | 47·3 | 47·7 | 47·6 | 47·5 | 47·5 | 46·9 | 46·5 | 46·2 | 46·1 | 46·0 | 45·9 | 46·1 | 46·0 | 46·5 |
| Mean, 1871–1905. | 43·9 | 43·9 | 43·8 | 43·7 | 43·6 | 43·5 | 43·4 | 43·5 | 43·4 | 43·9 | 44·6 | 45·6 | 46·2 | 46·7 | 46·8 | 46·9 | 46·5 | 45·9 | 45·2 | 44·7 | 44·4 | 44·3 | 44·1 | 44·0 | 43·9 | 44·7 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). FEBRUARY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 92 | 87 | 90 | 99 | 100 | 100 | 100 | 100 | 95 | 95 | 91 | 92 | 88 | 85 | 86 | 86 | 87 | 90 | 92 | 91 | 94 | 96 | 100 | 100 | 99 | 93·3 |
| 2 | 99 | 99 | 98 | 95 | 94 | 92 | 91 | 91 | 95 | 94 | 95 | 95 | 98 | 99 | 91 | 91 | 93 | 81 | 96 | 96 | 97 | 98 | 96 | 96 | 96 | 94·5 |
| 3 | 96 | 94 | 94 | 94 | 96 | 98 | 100 | 81 | 79 | 70 | 66 | 74 | 67 | 68 | 70 | 72 | 73 | 80 | 81 | 83 | 79 | 83 | 77 | 77 | 83 | 81·1 |
| 4 | 83 | 84 | 80 | 82 | 83 | 83 | 82 | 80 | 88 | 84 | 76 | 79 | 79 | 78 | 81 | 74 | 73 | 78 | 75 | 78 | 86 | 86 | 88 | 90 | 81 | 81·2 |
| 5 | 81 | 81 | 85 | 89 | 94 | 95 | 96 | 97 | 98 | 100 | 99 | 97 | 100 | 98 | 98 | 96 | 99 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | 96·2 |
| 6 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 100 | 100 | 99 | 100 | 100 | 98 | 98 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99·7 |
| 7 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 96 | 94 | 86 | 86 | 84 | 83 | 87 | 87 | 89 | 91 | 91 | 92 | 95 | 98 | 98 | 94·0 |
| 8 | 98 | 100 | 99 | 100 | 100 | 100 | 100 | 97 | 100 | 100 | 97 | 91 | 87 | 81 | 82 | 81 | 82 | 85 | 87 | 96 | 88 | 84 | 87 | 87 | 87 | 91·8 |
| 9 | 87 | 88 | 89 | 91 | 94 | 94 | 94 | 95 | 99 | 99 | 100 | 98 | 98 | 96 | 97 | 93 | 95 | 95 | 99 | 96 | 99 | 100 | 98 | 99 | 100 | 95·8 |
| 10 | 100 | 99 | 100 | 100 | 100 | 99 | 100 | 100 | 99 | 99 | 99 | 99 | 100 | 98 | 98 | 98 | 98 | 99 | 99 | 98 | 100 | 100 | 98 | 98 | 99 | 99·2 |
| 11 | 99 | 99 | 99 | 99 | 98 | 95 | 96 | 98 | 98 | 98 | 98 | 97 | 90 | 88 | 86 | 87 | 91 | 92 | 91 | 96 | 96 | 93 | 96 | 90 | 88 | 94·4 |
| 12 | 88 | 93 | 91 | 89 | 87 | 89 | 85 | 85 | 82 | 80 | 76 | 77 | 75 | 74 | 73 | 76 | 78 | 78 | 79 | 76 | 77 | 75 | 79 | 84 | 85 | 81·0 |
| 13 | 85 | 85 | 92 | 93 | 94 | 93 | 93 | 92 | 94 | 93 | 92 | 90 | 90 | 89 | 89 | 88 | 91 | 83 | 88 | 90 | 96 | 96 | 96 | 96 | 93 | 91·3 |
| 14 | 93 | 92 | 89 | 85 | 89 | 80 | 80 | 82 | 85 | 85 | 78 | 78 | 75 | 79 | 82 | 84 | 82 | 85 | 85 | 83 | 84 | 84 | 84 | 87 | 88 | 83·7 |
| 15 | 88 | 97 | 97 | 100 | 96 | 96 | 99 | 97 | 98 | 90 | 79 | 71 | 67 | 72 | 71 | 69 | 80 | 74 | 73 | 79 | 81 | 77 | 79 | 75 | 76 | 83·3 |
| 16 | 76 | 78 | 75 | 81 | 76 | 80 | 81 | 89 | 91 | 93 | 83 | 85 | 82 | 93 | 97 | 97 | 97 | 96 | 95 | 99 | 100 | 99 | 99 | 100 | 98 | 89·7 |
| 17 | 98 | 100 | 100 | 100 | 99 | 93 | 89 | 92 | 99 | 97 | 88 | 89 | 99 | 87 | 80 | 79 | 77 | 75 | 79 | 79 | 82 | 78 | 81 | 86 | 88 | 88·4 |
| 18 | 88 | 92 | 98 | 97 | 96 | 99 | 100 | 95 | 93 | 89 | 84 | 77 | 76 | 80 | 80 | 82 | 83 | 87 | 87 | 88 | 88 | 88 | 97 | 97 | 97 | 89·4 |
| 19 | 97 | 97 | 95 | 95 | 94 | 94 | 92 | 92 | 92 | 93 | 96 | 94 | 95 | 92 | 97 | 94 | 95 | 95 | 96 | 98 | 97 | 99 | 99 | 97 | 100 | 95·3 |
| 20 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 100 | 100 | 98 | 96 | 96 | 92 | 93 | 95 | 98 | 98 | 98 | 98 | 98 | 97 | 97 | 97 | 97·8 |
| 21 | 97 | 98 | 96 | 99 | 99 | 99 | 93 | 84 | 82 | 82 | 81 | 75 | 84 | 84 | 87 | 83 | 84 | 78 | 85 | 82 | 81 | 83 | 83 | 84 | 82 | 87·2 |
| 22 | 84 | 90 | 89 | 86 | 87 | 88 | 86 | 85 | 83 | 89 | 91 | 84 | 78 | 71 | 72 | 67 | 65 | 72 | 71 | 77 | 76 | 70 | 79 | 72 | 82 | 79·6 |
| 23 | 82 | 87 | 84 | 86 | 85 | 81 | 89 | 91 | 90 | 87 | 83 | 79 | 77 | 77 | 81 | 75 | 71 | 83 | 73 | 70 | 76 | 65 | 78 | 73 | 72 | 79·9 |
| 24 | 72 | 61 | 69 | 75 | 71 | 74 | 89 | 74 | 82 | 76 | 86 | 80 | 80 | 71 | 68 | 71 | 75 | 74 | 75 | 79 | 78 | 78 | 80 | 79 | 81 | 75·9 |
| 25 | 81 | 86 | 91 | 99 | 100 | 99 | 95 | 99 | 85 | 80 | 76 | 78 | 75 | 72 | 70 | 74 | 76 | 74 | 74 | 69 | 75 | 78 | 73 | 73 | 78 | 81·3 |
| 26 | 78 | 77 | 84 | 84 | 86 | 86 | 94 | 97 | 99 | 99 | 97 | 98 | 98 | 98 | 99 | 95 | 88 | 82 | 76 | 72 | 69 | 72 | 78 | 78 | 72 | 87·1 |
| 27 | 72 | 71 | 79 | 81 | 80 | 81 | 82 | 80 | 82 | 83 | 78 | 82 | 76 | 74 | 73 | 75 | 78 | 73 | 72 | 71 | 71 | 77 | 77 | 73 | 88 | 77·0 |
| 28 | 88 | 92 | 85 | 87 | 87 | 86 | 83 | 86 | 91 | 83 | 73 | 69 | 66 | 70 | 71 | 82 | 74 | 72 | 88 | 82 | 85 | 85 | 67 | 70 | 62 | 79·5 |
| 29 | 62 | 62 | 73 | 77 | 80 | 70 | 73 | 67 | 65 | 72 | 79 | 79 | 82 | 73 | 78 | 85 | 69 | 80 | 77 | 78 | 83 | 82 | 75 | 81 | 84 | 75·5 |
| Mean ... | 88·4 | 89·2 | 90·4 | 91·8 | 91·9 | 91·2 | 92·0 | 90·8 | 91·3 | 89·9 | 87·5 | 86·4 | 84·7 | 83·8 | 83·9 | 83·9 | 83·8 | 84·3 | 85·5 | 86·1 | 87·1 | 86·7 | 87·6 | 87·4 | 88·1 | 87·7 |
| Mean, 1886–1905. | 87·3 | 87·3 | 87·4 | 87·5 | 87·4 | 87·6 | 87·7 | 87·1 | 87·5 | 87·0 | 86·4 | 84·3 | 82·5 | 81·2 | 80·7 | 80·7 | 81·4 | 83·0 | 84·6 | 85·1 | 86·0 | 86·1 | 86·4 | 86·9 | 87·1 | 85·4 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. FEBRUARY, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1 + \ldots + 23 + \frac{1}{2}(0 + 24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES of PRESSURE and TEMPERATURE. FEBRUARY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·085 | 9·493 | 37·8 | 32·2 | 9 | 0·310 | 0·160 | 40·3 | 35·6 | 17 | 9·813 | 9·321 | 44·0 | 38·2 | 25 | 9·825 | 9·561 | 43·3 | 36·1 |
| 2 | 0·128 | 9·917 | 44·4 | 31·2 | 10 | 0·216 | 0·129 | 50·7 | 37·1 | 18 | 9·570 | 9·097 | 42·5 | 34·2 | 26 | 9·849 | 9·347 | 48·6 | 36·7 |
| 3 | 0·182 | 9·618 | 44·1 | 34·6 | 11 | 0·152 | 0·031 | 52·5 | 37·0 | 19 | 9·643 | 9·530 | 45·6 | 33·5 | 27 | 9·347 | 8·924 | 37·9 | 29·0 |
| 4 | 0·435 | 0·182 | 41·3 | 34·2 | 12 | 0·215 | 0·138 | 51·8 | 37·7 | 20 | 9·656 | 9·536 | 49·9 | 40·1 | 28 | 8·928 | 8·632 | 35·8 | **28·6** |
| 5 | 0·389 | 0·230 | 52·0 | 31·8 | 13 | 0·174 | 9·901 | 42·7 | 38·6 | 21 | 9·538 | 9·157 | 52·3 | 38·7 | 29 | 9·385 | 8·917 | 40·8 | 33·5 |
| 6 | **0·509** | 0·324 | 49·3 | 42·8 | 14 | 9·901 | 9·551 | 49·1 | 40·3 | 22 | 9·268 | **8·443** | 48·2 | 36·6 | | | | | |
| 7 | 0·506 | 0·069 | **52·9** | 41·6 | 15 | 9·599 | 9·515 | 43·1 | 35·7 | 23 | 9·124 | 8·848 | 42·2 | 36·1 | | | | | |
| 8 | 0·216 | 9·996 | 48·9 | 39·0 | 16 | 9·948 | 9·568 | 41·6 | 33·2 | 24 | 9·751 | 8·987 | 44·2 | 37·6 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 45·4 | 35·9 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. FEBRUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·493 | 9·518 | 9·536 | 9·544 | 9·572 | 9·597 | 9·626 | 9·656 | 9·697 | 9·743 | 9·786 | 9·816 | 9·837 | 9·859 | 9·888 | 9·916 | 9·947 | 9·965 | 0·002 | 0·022 | 0·037 | 0·044 | 0·062 | 0·073 | 0·085 | 9·814 |
| 2 | 0·085 | 0·096 | 0·097 | 0·101 | 0·106 | 0·111 | 0·119 | 0·124 | 0·121 | 0·121 | 0·128 | 0·126 | 0·121 | 0·114 | 0·113 | 0·113 | 0·106 | 0·102 | 0·092 | 0·075 | 0·045 | 0·011 | 9·979 | 9·948 | 9·917 | 0·086 |
| 3 | 9·917 | 9·870 | 9·820 | 9·770 | 9·722 | 9·667 | 9·634 | 9·643 | 9·668 | 9·675 | 9·694 | 9·730 | 9·751 | 9·761 | 9·791 | 9·806 | 9·861 | 9·889 | 9·945 | 9·984 | 0·025 | 0·068 | 0·111 | 0·149 | 0·182 | 9·837 |
| 4 | 0·182 | 0·208 | 0·228 | 0·239 | 0·264 | 0·297 | 0·306 | 0·313 | 0·353 | 0·374 | 0·400 | 0·422 | 0·424 | 0·426 | 0·430 | 0·428 | 0·422 | 0·421 | 0·421 | 0·418 | 0·408 | 0·406 | 0·410 | 0·395 | 0·389 | 0·362 |
| 5 | 0·389 | 0·377 | 0·351 | 0·343 | 0·321 | 0·311 | 0·292 | 0·276 | 0·276 | 0·265 | 0·261 | 0·239 | 0·234 | 0·237 | 0·240 | 0·230 | 0·234 | 0·249 | 0·264 | 0·276 | 0·287 | 0·290 | 0·302 | 0·313 | 0·324 | 0·284 |
| 6 | 0·324 | 0·334 | 0·340 | 0·304 | 0·370 | 0·371 | 0·366 | 0·366 | 0·376 | 0·397 | 0·394 | 0·393 | 0·402 | 0·401 | 0·406 | 0·417 | 0·444 | 0·448 | 0·468 | 0·481 | 0·492 | 0·501 | 0·495 | 0·502 | 0·494 | 0·414 |
| 7 | 0·494 | 0·504 | 0·483 | 0·473 | 0·449 | 0·426 | 0·409 | 0·387 | 0·366 | 0·344 | 0·341 | 0·334 | 0·323 | 0·306 | 0·279 | 0·248 | 0·233 | 0·213 | 0·190 | 0·170 | 0·154 | 0·127 | 0·097 | 0·069 | 0·074 | 0·300 |
| 8 | 0·074 | 0·085 | 0·054 | 0·061 | 0·035 | 0·029 | 0·007 | 0·007 | 0·044 | 0·073 | 0·084 | 0·111 | 0·114 | 0·109 | 0·114 | 0·112 | 0·125 | 0·145 | 0·164 | 0·170 | 0·182 | 0·186 | 0·196 | 0·202 | 0·216 | 0·106 |
| 9 | 0·216 | 0·217 | 0·228 | 0·238 | 0·236 | 0·258 | 0·267 | 0·272 | 0·291 | 0·297 | 0·302 | 0·306 | 0·294 | 0·292 | 0·284 | 0·275 | 0·265 | 0·252 | 0·239 | 0·225 | 0·216 | 0·198 | 0·178 | 0·171 | 0·160 | 0·250 |
| 10 | 0·160 | 0·154 | 0·145 | 0·138 | 0·134 | 0·143 | 0·148 | 0·152 | 0·167 | 0·183 | 0·206 | 0·214 | 0·206 | 0·194 | 0·202 | 0·184 | 0·173 | 0·176 | 0·183 | 0·171 | 0·147 | 0·155 | 0·156 | 0·154 | 0·147 | 0·168 |
| 11 | 0·147 | 0·134 | 0·106 | 0·110 | 0·109 | 0·094 | 0·075 | 0·069 | 0·060 | 0·060 | 0·058 | 0·051 | 0·061 | 0·046 | 0·045 | 0·033 | 0·048 | 0·061 | 0·073 | 0·077 | 0·087 | 0·101 | 0·117 | 0·131 | 0·152 | 0·082 |
| 12 | 0·152 | 0·148 | 0·148 | 0·153 | 0·152 | 0·154 | 0·161 | 0·173 | 0·194 | 0·202 | 0·215 | 0·209 | 0·202 | 0·192 | 0·191 | 0·183 | 0·190 | 0·192 | 0·196 | 0·195 | 0·191 | 0·188 | 0·184 | 0·185 | 0·174 | 0·182 |
| 13 | 0·174 | 0·165 | 0·139 | 0·125 | 0·108 | 0·088 | 0·079 | 0·084 | 0·080 | 0·060 | 0·045 | 0·030 | 0·014 | 0·009 | 9·992 | 9·967 | 9·957 | 9·947 | 9·951 | 9·953 | 9·937 | 9·936 | 9·921 | 9·919 | 9·901 | 0·023 |
| 14 | 9·901 | 9·890 | 9·870 | 9·849 | 9·835 | 9·835 | 9·828 | 9·823 | 9·835 | 9·823 | 9·822 | 9·818 | 9·812 | 9·801 | 9·802 | 9·800 | 9·804 | 9·800 | 9·780 | 9·761 | 9·724 | 9·675 | 9·622 | 9·580 | 9·551 | 9·788 |
| 15 | 9·551 | 9·545 | 9·544 | 9·540 | 9·531 | 9·517 | 9·525 | 9·517 | 9·545 | 9·554 | 9·582 | 9·572 | 9·575 | 9·571 | 9·574 | 9·576 | 9·582 | 9·589 | 9·597 | 9·597 | 9·594 | 9·597 | 9·592 | 9·591 | 9·590 | 9·566 |
| 16 | 9·590 | 9·574 | 9·579 | 9·573 | 9·571 | 9·592 | 9·608 | 9·633 | 9·668 | 9·699 | 9·746 | 9·806 | 9·848 | 9·887 | 9·905 | 9·916 | 9·928 | 9·933 | 9·943 | 9·938 | 9·937 | 9·917 | 9·888 | 9·849 | 9·813 | 9·777 |
| 17 | 9·813 | 9·766 | 9·720 | 9·678 | 9·622 | 9·584 | 9·548 | 9·513 | 9·485 | 9·459 | 9·429 | 9·412 | 9·402 | 9·365 | 9·351 | 9·327 | 9·328 | 9·325 | 9·342 | 9·349 | 9·350 | 9·365 | 9·369 | 9·370 | 9·355 | 9·460 |
| 18 | 9·355 | 9·333 | 9·317 | 9·275 | 9·226 | 9·171 | 9·135 | 9·099 | 9·103 | 9·173 | 9·223 | 9·263 | 9·309 | 9·330 | 9·371 | 9·390 | 9·434 | 9·469 | 9·485 | 9·499 | 9·525 | 9·541 | 9·557 | 9·566 | 9·568 | 9·344 |
| 19 | 9·568 | 9·569 | 9·566 | 9·548 | 9·532 | 9·536 | 9·537 | 9·533 | 9·554 | 9·557 | 9·567 | 9·565 | 9·570 | 9·574 | 9·565 | 9·550 | 9·571 | 9·575 | 9·590 | 9·595 | 9·603 | 9·608 | 9·631 | 9·637 | 9·641 | 9·572 |
| 20 | 9·641 | 9·649 | 9·650 | 9·646 | 9·652 | 9·647 | 9·638 | 9·634 | 9·634 | 9·621 | 9·610 | 9·592 | 9·584 | 9·577 | 9·564 | 9·554 | 9·551 | 9·555 | 9·562 | 9·570 | 9·571 | 9·564 | 9·557 | 9·539 | 9·538 | 9·596 |
| 21 | 9·538 | 9·524 | 9·511 | 9·487 | 9·457 | 9·430 | 9·399 | 9·370 | 9·326 | 9·289 | 9·293 | 9·263 | 9·233 | 9·208 | 9·207 | 9·193 | 9·181 | 9·187 | 9·178 | 9·166 | 9·162 | 9·161 | 9·170 | 9·195 | 9·227 | 9·291 |
| 22 | 9·227 | 9·245 | 9·256 | 9·263 | 9·255 | 9·229 | 9·182 | 9·117 | 9·056 | 8·960 | 8·861 | 8·731 | 8·609 | 8·553 | 8·492 | 8·454 | 8·523 | 8·571 | 8·622 | 8·660 | 8·704 | 8·734 | 8·768 | 8·816 | 8·851 | 8·863 |
| 23 | 8·851 | 8·885 | 8·927 | 8·968 | 9·007 | 9·018 | 9·042 | 9·069 | 9·078 | 9·089 | 9·099 | 9·113 | 9·118 | 9·113 | 9·117 | 9·107 | 9·108 | 9·102 | 9·089 | 9·071 | 9·054 | 9·039 | 9·037 | 9·016 | 9·014 | 9·050 |
| 24 | 9·014 | 9·005 | 8·994 | 8·997 | 8·988 | 9·010 | 9·065 | 9·141 | 9·209 | 9·276 | 9·330 | 9·379 | 9·420 | 9·461 | 9·497 | 9·530 | 9·566 | 9·603 | 9·651 | 9·677 | 9·694 | 9·708 | 9·714 | 9·729 | 9·751 | 9·376 |
| 25 | 9·751 | 9·746 | 9·744 | 9·739 | 9·739 | 9·719 | 9·704 | 9·679 | 9·671 | 9·651 | 9·631 | 9·605 | 9·588 | 9·569 | 9·569 | 9·601 | 9·628 | 9·665 | 9·708 | 9·737 | 9·744 | 9·763 | 9·799 | 9·814 | 9·825 | 9·692 |
| 26 | 9·825 | 9·839 | 9·847 | 9·832 | 9·823 | 9·816 | 9·798 | 9·769 | 9·721 | 9·667 | 9·619 | 9·539 | 9·455 | 9·387 | 9·376 | 9·377 | 9·382 | 9·399 | 9·395 | 9·411 | 9·410 | 9·387 | 9·383 | 9·377 | 9·347 | 9·566 |
| 27 | 9·347 | 9·333 | 9·309 | 9·282 | 9·233 | 9·210 | 9·164 | 9·124 | 9·107 | 9·101 | 9·091 | 9·111 | 9·107 | 9·084 | 9·063 | 9·042 | 9·028 | 9·020 | 9·018 | 9·005 | 9·004 | 8·997 | 8·990 | 8·966 | 8·924 | 9·105 |
| 28 | 8·924 | 8·906 | 8·876 | 8·847 | 8·793 | 8·763 | 8·735 | 8·721 | 8·700 | 8·675 | 8·685 | 8·668 | 8·655 | 8·639 | 8·633 | 8·638 | 8·638 | 8·676 | 8·740 | 8·766 | 8·812 | 8·834 | 8·864 | 8·891 | 8·917 | 8·753 |
| 29 | 8·917 | 8·937 | 8·955 | 8·969 | 8·991 | 9·012 | 9·030 | 9·067 | 9·111 | 9·143 | 9·164 | 9·178 | 9·188 | 9·197 | 9·202 | 9·209 | 9·239 | 9·253 | 9·285 | 9·304 | 9·325 | 9·335 | 9·

**ABERDEEN.** TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. FEBRUARY, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 27 | 25 | 27 | 26 | 26 | 25 | 28 | 20 | 28 | 18 | 28 | 18 | 28 | 17 | 29 | 20 | 29 | 18 | 30 | 16 | 29 | 17 | 29 | 17 |
| 2 | 27 | 9 | 27 | 7 | 26 | 7 | 25 | 5 | 25 | 5 | 24 | 4 | 21 | 4 | 20 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | 21 | 4 |
| 3 | — | 2 | 21 | 7 | 19 | 6 | 17 | 6 | 17 | 6 | 14 | 8 | 22 | 15 | 26 | 16 | 25 | 15 | 25 | 17 | 26 | 19 | 27 | 21 |
| 4 | 27 | 13 | 28 | 13 | 26 | 11 | 28 | 11 | 27 | 10 | 27 | 12 | 26 | 11 | 27 | 10 | 27 | 11 | 27 | 9 | 28 | 9 | 28 | 7 |
| 5 | — | 2 | 20 | 4 | — | 2 | — | 3 | — | 3 | 20 | 6 | 18 | 6 | 19 | 6 | 20 | 4 | 18 | 4 | 21 | 4 | 23 | 8 |
| 6 | 26 | 17 | 26 | 18 | 26 | 8 | 24 | 4 | — | 2 | 24 | 7 | 24 | 4 | 26 | 6 | 24 | 4 | 25 | 10 | 24 | 16 | 21 | 14 |
| 7 | — | 3 | 21 | 7 | 24 | 4 | — | 3 | — | 2 | 18 | 5 | 19 | 6 | — | 3 | — | 3 | 24 | 4 | 25 | 10 | 25 | 12 |
| 8 | 24 | 10 | 24 | 23 | 23 | 15 | 23 | 14 | 23 | 11 | 23 | 15 | 24 | 15 | 27 | 16 | 28 | 15 | 27 | 15 | 28 | 15 | 27 | 18 |
| 9 | 25 | 8 | 28 | 7 | 28 | 4 | 27 | 7 | 28 | 5 | 28 | 7 | — | 3 | — | 3 | 28 | 4 | 28 | 5 | 27 | 4 | 27 | 4 |
| 10 | 19 | 4 | 19 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | — | 3 | 24 | 5 | 20 | 4 |
| 11 | 23 | 4 | 19 | 4 | — | 2 | 20 | 4 | 19 | 7 | 18 | 7 | 18 | 7 | 19 | 9 | 18 | 9 | 22 | 12 | 23 | 7 | 19 | 11 |
| 12 | 22 | 7 | 23 | 4 | — | 2 | 20 | 4 | 18 | 7 | 18 | 5 | 20 | 5 | 20 | 4 | — | 2 | — | 2 | 21 | 7 | 21 | 9 |
| 13 | — | 1 | — | 1 | 24 | 4 | 18 | 4 | 18 | 4 | 17 | 5 | 18 | 7 | 17 | 7 | 18 | 6 | 15 | 7 | 17 | 8 | 15 | 9 |
| 14 | 16 | 4 | 18 | 4 | 18 | 7 | 18 | 7 | 19 | 7 | 19 | 5 | 18 | 10 | 19 | 7 | 17 | 7 | 20 | 10 | 17 | 7 | 19 | 7 |
| 15 | 16 | 8 | 20 | 11 | 19 | 12 | 19 | 9 | 20 | 12 | 21 | 8 | 20 | 10 | 21 | 10 | 22 | 11 | 21 | 11 | 23 | 12 | 24 | 13 |
| 16 | 19 | 7 | 21 | 7 | — | 2 | 21 | 4 | — | 3 | 24 | 7 | 25 | 7 | 27 | 15 | 27 | 22 | 28 | 19 | 28 | 21 | 28 | 21 |
| 17 | 15 | 10 | 15 | 10 | 16 | 10 | 15 | 11 | 15 | 9 | 18 | 8 | 15 | 10 | 15 | 11 | 15 | 13 | 15 | 12 | 15 | 10 | 15 | 11 |
| 18 | 22 | 7 | 20 | 6 | 18 | 5 | 18 | 4 | 18 | 7 | 16 | 4 | — | 2 | — | 3 | 32 | 9 | 28 | 18 | 28 | 18 | 29 | 17 |
| 19 | 23 | 6 | 22 | 6 | — | 3 | 22 | 5 | 23 | 6 | 26 | 6 | 26 | 11 | 26 | 7 | 26 | 8 | 26 | 14 | 26 | 14 | 28 | 13 |
| 20 | 25 | 4 | 25 | 7 | 22 | 7 | 20 | 7 | 22 | 6 | 21 | 4 | 20 | 4 | — | 2 | 20 | 5 | 20 | 8 | 20 | 10 | 20 | 7 |
| 21 | 19 | 4 | 15 | 4 | 17 | 4 | 18 | 5 | 18 | 6 | 18 | 7 | 17 | 8 | 16 | 7 | 19 | 16 | 20 | 11 | 20 | 14 | 20 | 18 |
| 22 | 20 | 10 | 21 | 13 | 20 | 8 | 19 | 7 | 18 | 7 | 16 | 9 | 17 | 12 | 18 | 12 | 17 | 16 | 15 | 15 | 17 | 18 | 18 | 18 |
| 23 | 24 | 22 | 24 | 21 | 24 | 21 | 24 | 15 | 24 | 18 | 24 | 18 | 23 | 15 | 24 | 17 | 24 | 17 | 24 | 19 | 24 | 18 | 23 | 20 |
| 24 | 25 | 23 | 25 | 26 | 25 | 24 | 25 | 26 | 26 | 29 | 27 | 27 | 28 | 21 | 28 | 19 | 28 | 22 | 29 | 23 | 29 | 23 | 29 | 26 |
| 25 | 28 | 17 | 27 | 16 | 27 | 17 | 26 | 14 | 27 | 7 | 25 | 7 | 23 | 6 | 23 | 7 | 21 | 9 | 20 | 8 | 20 | 7 | 19 | 5 |
| 26 | 28 | 14 | 27 | 7 | 26 | 9 | 26 | 6 | 24 | 5 | 22 | 7 | 20 | 7 | 17 | 7 | 19 | 12 | 19 | 11 | 18 | 9 | 18 | 12 |
| 27 | 22 | 9 | 23 | 8 | 21 | 7 | 20 | 7 | 21 | 10 | 21 | 12 | 20 | 10 | 20 | 11 | 21 | 12 | 24 | 12 | 25 | 16 | 24 | 13 |
| 28 | 20 | 7 | 20 | 9 | 21 | 11 | 20 | 9 | 20 | 11 | 20 | 10 | 21 | 10 | 19 | 8 | 18 | 7 | 24 | 7 | 24 | 10 | 24 | 12 |
| 29 | 29 | 14 | 29 | 13 | 28 | 13 | 30 | 17 | 31 | 15 | 30 | 15 | 31 | 15 | 31 | 15 | 31 | 15 | 31 | 15 | 29 | 18 | 30 | 18 |
| Mean ... | — | 9 | — | 10 | — | 9 | — | 8 | — | 8 | — | 9 | — | 9 | — | 9 | — | 10 | — | 11 | — | 12 | — | 13 |
| Mean, 1881–1905. | — | 9·8 | — | 9·7 | — | 9·8 | — | 9·8 | — | 9·6 | — | 9·8 | — | 9·8 | — | 10·0 | — | 10·1 | — | 10·3 | — | 10·9 | — | 11·6 |

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 29 | 16 | 29 | 15 | 29 | 13 | 29 | 12 | 27 | 14 | 27 | 12 | 27 | 13 | 27 | 14 | 27 | 13 | 27 | 13 | 27 | 13 | 27 | 10 | 16 | 1 |
| 2 | 24 | 6 | 22 | 5 | — | 3 | — | 3 | 21 | 7 | 21 | 6 | 21 | 6 | 21 | 5 | 21 | 5 | — | 1 | — | 3 | — | 2 | 5 | 2 |
| 3 | 26 | 23 | 26 | 22 | 27 | 21 | 26 | 20 | 27 | 18 | 27 | 16 | 26 | 22 | 27 | 16 | 27 | 17 | 28 | 15 | 27 | 12 | 26 | 13 | 15 | 3 |
| 4 | 28 | 10 | 28 | 8 | 27 | 7 | 27 | 4 | — | 3 | 21 | 4 | 21 | 4 | 20 | 5 | 20 | 4 | 20 | 4 | — | 3 | — | 2 | 8 | 4 |
| 5 | 22 | 10 | 23 | 9 | 20 | 7 | 24 | 8 | 24 | 8 | 24 | 9 | 23 | 7 | 22 | 7 | 27 | 12 | 26 | 15 | 26 | 16 | 26 | 18 | 7 | 5 |
| 6 | 24 | 10 | 26 | 11 | 27 | 16 | 27 | 12 | 26 | 17 | 26 | 13 | 24 | 7 | 26 | 11 | 25 | 10 | 26 | 11 | 21 | 5 | 25 | 5 | 10 | 6 |
| 7 | 25 | 9 | 24 | 7 | 24 | 12 | 23 | 7 | 23 | 4 | 25 | 6 | 21 | 6 | 23 | 10 | 22 | 12 | 23 | 10 | 22 | 16 | 22 | 12 | 7 | 7 |
| 8 | 27 | 21 | 27 | 19 | 27 | 21 | 28 | 20 | 28 | 11 | 28 | 13 | 28 | 12 | 27 | 13 | 27 | 14 | 27 | 11 | 26 | 8 | 26 | 7 | 15 | 8 |
| 9 | — | 2 | — | 2 | 16 | 4 | 16 | 4 | 17 | 7 | 17 | 7 | 17 | 7 | 18 | 8 | 18 | 9 | 18 | 6 | — | 3 | — | 2 | 5 | 9 |
| 10 | 25 | 4 | 23 | 5 | 16 | 4 | 16 | 5 | 17 | 4 | 18 | 7 | 19 | 4 | 21 | 5 | 23 | 4 | — | 3 | — | 2 | — | 3 | 4 | 10 |
| 11 | 20 | 10 | 20 | 8 | 20 | 10 | 22 | 7 | 24 | 7 | 22 | 13 | 22 | 12 | 22 | 10 | 23 | 10 | 21 | 10 | 21 | 11 | 22 | 10 | 8 | 11 |
| 12 | 22 | 8 | 22 | 8 | 23 | 6 | 23 | 5 | 23 | 5 | 25 | 7 | — | 2 | — | 2 | — | 2 | 26 | 4 | — | 3 | — | 2 | 5 | 12 |
| 13 | 18 | 6 | 19 | 4 | 20 | 7 | 18 | 5 | 19 | 6 | 17 | 7 | 18 | 8 | 18 | 9 | 19 | 5 | 18 | 4 | — | 3 | 17 | 4 | 5 | 13 |
| 14 | 17 | 7 | 21 | 13 | 22 | 8 | 19 | 10 | 20 | 10 | 20 | 12 | 19 | 10 | 17 | 10 | 17 | 14 | 16 | 12 | 18 | 10 | 19 | 14 | 9 | 14 |
| 15 | 17 | 26 | 14 | 23 | 10 | 24 | 9 | 23 | 6 | 23 | 8 | 21 | 9 | 20 | 7 | 18 | 4 | 17 | 5 | 18 | 4 | 18 | 4 | 9 | 15 |
| 16 | 18 | 27 | 15 | 27 | 15 | 28 | 10 | 28 | 4 | 27 | 4 | 22 | 4 | 21 | 5 | 21 | 4 | 20 | 4 | 18 | 4 | 15 | 9 | 10 | 16 |
| 17 | 15 | 10 | 17 | 7 | 16 | 7 | 18 | 8 | 18 | 7 | 20 | 6 | 26 | 16 | 26 | 12 | 23 | 12 | 23 | 10 | 22 | 7 | 21 | 9 | 10 | 17 |
| 18 | 21 | 28 | 23 | 28 | 23 | 28 | 17 | 28 | 18 | 27 | 18 | 27 | 19 | 27 | 16 | 27 | 16 | 27 | 15 | 25 | 11 | 24 | 5 | 13 | 18 |
| 19 | 26 | 14 | 27 | 15 | 26 | 12 | 26 | 11 | 26 | 14 | 26 | 9 | 27 | 9 | 28 | 10 | 27 | 11 | 21 | 7 | 20 | 5 | 24 | 7 | 9 | 19 |
| 20 | 21 | 5 | 20 | 5 | 22 | 4 | 23 | 5 | 23 | 6 | 24 | 6 | — | 3 | 20 | 4 | 21 | 4 | 21 | 5 | 19 | 4 | 18 | 5 | 5 | 20 |
| 21 | 20 | 18 | 21 | 17 | 21 | 18 | 20 | 18 | 20 | 17 | 20 | 16 | 19 | 15 | 20 | 12 | 21 | 12 | 22 | 15 | 22 | 15 | 21 | 12 | 12 | 21 |
| 22 | 20 | 20 | 20 | 13 | 21 | 19 | 24 | 18 | 24 | 23 | 24 | 25 | 23 | 22 | 24 | 22 | 24 | 22 | 23 | 21 | 23 | 17 | 24 | 18 | 16 | 22 |
| 23 | 24 | 20 | 22 | 16 | 23 | 16 | 24 | 16 | 23 | 15 | 22 | 15 | 22 | 15 | 23 | 17 | 24 | 19 | 24 | 17 | 24 | 17 | 24 | 18 | 18 | 23 |
| 24 | 28 | 26 | 28 | 28 | 29 | 24 | 28 | 28 | 28 | 23 | 28 | 21 | 28 | 21 | 28 | 21 | 28 | 22 | 28 | 19 | 28 | 19 | 28 | 16 | 23 | 24 |
| 25 | 27 | 18 | 27 | 29 | 28 | 25 | 28 | 23 | 28 | 18 | 27 | 18 | 28 | 20 | 27 | 22 | 27 | 24 | 27 | 22 | 27 | 15 | 27 | 18 | 16 | 25 |
| 26 | 19 | 17 | 20 | 12 | 27 | 19 | 27 | 14 | 24 | 11 | 24 | 10 | 22 | 8 | 23 | 12 | 22 | 12 | 22 | 10 | 22 | 10 | 22 | 9 | 10 | 26 |
| 27 | 24 | 14 | 23 | 16 | 23 | 15 | 22 | 15 | 23 | 12 | 22 | 11 | 23 | 14 | 23 | 11 | 25 | 12 | 22 | 7 | 20 | 7 | 21 | 6 | 11 | 27 |
| 28 | 23 | 9 | 22 | 7 | 20 | 7 | — | 3 | 7 | 7 | 31 | 8 | 30 | 10 | 29 | 11 | 28 | 10 | 30 | 11 | 31 | 13 | 30 | 12 | 9 | 28 |
| 29 | 31 | 16 | 31 | 19 | 31 | 17 | 32 | 15 | 31 | 13 | 32 | 11 | 32 | 10 | 32 | 12 | 31 | 11 | 32 | 11 | 32 | 10 | 32 | 7 | 14 | 29 |
| | — | 13 | — | 13 | — | 13 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 10 | — | 9 | — | 9 | 10 | |
| | — | 11·7 | — | 11·7 | — | 11·3 | — | 10·7 | — | 10·1 | — | 10·0 | — | 9·8 | — | 9·8 | — | 9·8 | — | 9·8 | — | 9·8 | — | 9·8 | 10·3 | Mean, 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour the direction is omitted, the record not being trustworthy in very light airs.

**ABERDEEN.** TABLE IV.—Rainfall in Hundredths of English Inches. FEBRUARY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.[a] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 01 | — | — | — | 01 | 02 | — | — | — | — | — | — | — | — | — | — | 04 | — | — | — | — | — | — | — | 08 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 01 | — | — | — | — | 05 |
| 4 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | 06 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 17 | — | — | — | — | — | — | — | — | 01 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 18 | — | — | — | — | 01 | 07 | — | 01 | 02 | — | 01 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 13 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | 01 | 01 | 02 | — | 02 | — | 01 | — | — | — | — | — | — | — | — | — | 07 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | 01 | — | 07 | 02 | 01 | 02 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 14 |
| 25 | — | — | — | — | — | — | — | 01 | 04 | 05 | 07 | 05 | 01 | — | — | — | 05 | 02 | — | — | — | — | — | — | 30 |
| 26 | — | — | — | — | — | — | — | — | 01 | 02 | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 05 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 28 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 01 | 01 | — | 08 |
| Sum ... | 01 | — | — | — | 03 | 09 | 08 | 10 | 11 | 13 | 13 | 06 | 03 | — | 03 | — | 10 | 04 | 02 | 02 | 02 | 01 | 01 | — | 1·10 |
| Average 1871–1905. | ·111 | ·102 | ·089 | ·095 | ·100 | ·094 | ·097 | ·097 | ·115 | ·125 | ·075 | ·087 | ·097 | ·094 | ·105 | ·103 | ·089 | ·082 | ·091 | ·081 | ·077 | ·076 | ·086 | ·101 | 2·370 |

[a] Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

**ABERDEEN.** TABLE V.—Duration of Bright Sunshine in Hours. FEBRUARY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | ·2 | ·9 | ·9 | ·8 | ·9 | ·1 | — | — | — | — | — | — | 3·8 | [16h.–17h. Alternately bright and cloudy; ✳showers |
| 2 | — | — | — | — | — | — | ·2 | ·1 | ·3 | ·3 | — | — | — | — | — | — | — | 0·9 | Dull to cloudy, ≋, ≋°; clearing in evening. |
| 3 | — | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | ·2 | — | — | — | — | — | 5·3 | ◉° and ✳° showers; Ш 20h.–21h. |
| 4 | — | — | — | — | — | — | — | — | ·9 | 1·0 | ·8 | ·4 | — | — | — | — | — | 3·1 | ◉° about 9h.; cloudy to bright. |
| 5 | — | — | — | — | — | — | — | — | ·1 | ·9 | ·8 | ·3 | — | — | — | — | — | 2·1 | Cloudy generally, but fine. |
| 6 | — | — | — | — | — | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | 6·3 | Fine and bright till about 16h., then cloudy |
| 7 | — | — | — | — | — | — | ·1 | ·3 | ·5 | ·2 | ·3 | ·7 | ·4 | — | — | — | — | 2·5 | Cloudy to clear, then overcast. [to overcast. |
| 8 | — | — | — | — | — | — | ·1 | ·4 | ·5 | ·6 | ·9 | ·6 | — | — | — | — | — | 3·1 | Sharp ◉ shower 8h., then brightening. |
| 9 | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | 0·1 | Cloudy to dull. |
| 10 | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·2 | — | — | — | — | 6·1 | ≋° early; bright day, with ∞°. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, clearing about sunset; ⌒, Ψ. |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 6·1 | Fine, bright day; Ψ² at 22h. |
| 13 | — | — | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | 0·2 | Cloudy to dull. [cloudy again at night. |
| 14 | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | 4·0 | Cloudy and misty till 12h., then clearing; [times after 19h. |
| 15 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | — | — | — | — | 8·1 | Bright day, cloudy at night; Ψ visible at |
| 16 | — | — | — | — | ·5 | ·7 | ·7 | ·5 | ·9 | 1·0 | ·8 | ·6 | — | — | — | — | — | 5·7 | ◉° 10h.–11h., otherwise fine; Ψ. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ◉°; dull to cloudy. [✳° showers. |
| 18 | — | — | — | — | — | ·5 | ·6 | ·7 | 1·0 | ·5 | ·4 | ·5 | — | — | — | — | — | 4·2 | ◉ early, then brighter; P.M. squalls with |
| 19 | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·1 | — | — | — | — | — | — | 5·0 | Bright to cloudy, clearing in evening. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull to cloudy. |
| 21 | — | — | — | — | — | — | ·5 | 1·0 | ·8 | ·6 | ·5 | 1·0 | ·9 | — | — | — | — | 5·3 | Cloudy to clear. |
| 22 | — | — | — | — | — | — | — | ·1 | ·3 | 1·0 | ·5 | ·6 | ·6 | — | — | — | — | 3·1 | A.M. dull, with ◉°; P.M. clearer, but |
| 23 | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·8 | ·4 | — | — | — | — | 7·8 | Fine and bright; ≠. [squally. |
| 24 | — | — | — | — | — | ·2 | ·6 | 1·0 | ·6 | ·9 | ·9 | ·5 | ·5 | — | — | — | — | 5·2 | Cloudy to bright; ◉ showers, ≠. |
| 25 | — | — | — | — | — | — | — | — | — | ·3 | ·6 | ·6 | ·4 | — | — | — | — | 1·9 | Dull to cloudy; ◉; ≠ in afternoon. |
| 26 | — | — | — | — | — | — | — | — | — | ·3 | ·8 | ·4 | ·3 | — | — | — | — | 2·0 | Dull morning, with ◉°; clearing later. |
| 27 | — | — | — | — | — | — | — | — | ·2 | ·3 | ·8 | ·4 | ·3 | — | — | — | — | 5·4 | Day cloudy to bright; ✳° showers. |
| 28 | — | — | — | — | ·3 | ·1 | ·5 | ·6 | ·7 | ·9 | 1·0 | ·7 | ·6 | — | — | — | — | 2·8 | Dull to cloudy, with frequent ✳ showers. |
| 29 | — | — | — | — | — | — | ·2 | 1·0 | ·8 | ·8 | — | — | — | — | — | — | — | 5·4 | ϒ° about 6h., then cloudy to bright, with |
| | | | | | | ·4 | ·8 | 1·0 | 1·0 | 1·0 | ·8 | ·2 | ·2 | — | — | — | — | | sleet and ✳ showers. |
| | — | — | — | — | 2·4 | 6·3 | 11·8 | 14·7 | 16·9 | 18·5 | 16·2 | 12·5 | 6·2 | — | — | — | — | 105·5 | Total. |
| | — | — | — | 0·02 | 1·46 | 6·85 | 9·21 | 10·21 | 10·26 | 10·15 | 9·42 | 7·39 | 2·67 | 0·12 | — | — | — | 67·77 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. FEBRUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 34·9 | 34·7 | 35·2 | 35·4 | 34·3 | 34·4 | 33·9 | 34·8 | 35·6 | 36·2 | 36·4 | 36·2 | 37·3 | 36·8 | 37·8 | 37·6 | 36·3 | 34·8 | 33·8 | 33·4 | 33·0 | 32·6 | 32·7 | 32·8 | 32·2 | 35·0 |
| 2 | 32·2 | 32·0 | 33·6 | 33·7 | 34·4 | 34·7 | 34·4 | 34·1 | 33·9 | 34·8 | 35·4 | 37·4 | 40·0 | 42·7 | 44·2 | 43·8 | 43·4 | 43·7 | 42·7 | 41·7 | 39·9 | 38·8 | 37·6 | 36·3 | 35·8 | 37·8 |
| 3 | 35·8 | 35·7 | 36·6 | 38·8 | 39·7 | 39·8 | 40·9 | 42·9 | 41·8 | 40·8 | 40·2 | 39·5 | 40·6 | 40·5 | 35·9 | 38·3 | 37·3 | 37·2 | 36·9 | 35·6 | 36·0 | 36·3 | 35·9 | 35·8 | 36·2 | 38·3 |
| 4 | 36·2 | 34·8 | 35·1 | 35·4 | 36·1 | 35·8 | 35·8 | 36·8 | 36·7 | 36·6 | 37·0 | 38·0 | 38·6 | 40·2 | 40·9 | 41·0 | 39·7 | 38·2 | 37·7 | 37·8 | 37·4 | 36·8 | 35·6 | 34·8 | 34·2 | 37·2 |
| 5 | 34·2 | 33·4 | 33·7 | 32·6 | 31·9 | 32·8 | 37·1 | 38·8 | 40·6 | 41·4 | 42·2 | 44·5 | 49·8 | 48·8 | 51·4 | 51·6 | 51·1 | 49·8 | 49·2 | 48·0 | 46·9 | 46·4 | 44·3 | 44·7 | 45·4 | 43·0 |
| 6 | 45·4 | 45·8 | 46·2 | 45·8 | 45·4 | 44·2 | 44·4 | 43·5 | 43·4 | 43·6 | 46·0 | 47·2 | 48·6 | 48·8 | 49·2 | 47·9 | 46·4 | 45·8 | 45·9 | 45·3 | 45·2 | 44·8 | 43·8 | 43·4 | 42·8 | 45·6 |
| 7 | 42·8 | 42·0 | 42·4 | 42·9 | 41·8 | 41·6 | 41·9 | 41·8 | 42·4 | 45·8 | 46·8 | 49·4 | 51·4 | 50·8 | 52·6 | 52·5 | 51·4 | 50·7 | 50·0 | 48·2 | 49·0 | 46·8 | 46·4 | 47·4 | 47·4 | 46·7 |
| 8 | 47·4 | 47·2 | 47·9 | 47·9 | 48·4 | 48·1 | 48·8 | 48·4 | 46·8 | 44·8 | 44·7 | 44·6 | 45·2 | 45·3 | 44·4 | 44·3 | 43·7 | 41·2 | 40·5 | 40·6 | 40·6 | 40·4 | 39·8 | 39·7 | 39·0 | 44·4 |
| 9 | 39·0 | 39·0 | 38·8 | 38·2 | 37·7 | 36·6 | 37·1 | 35·7 | 35·9 | 36·8 | 37·8 | 38·9 | 39·6 | 40·0 | 40·1 | 39·8 | 39·8 | 39·5 | 39·1 | 39·0 | 39·1 | 39·3 | 39·3 | 39·4 | 39·4 | 38·6 |
| 10 | 39·4 | 41·7 | 41·2 | 41·0 | 40·9 | 41·6 | 41·0 | 41·3 | 39·7 | 40·2 | 40·9 | 46·4 | 47·8 | 49·8 | 50·6 | 50·0 | 48·8 | 46·3 | 45·0 | 43·1 | 42·2 | 41·6 | 40·0 | 38·8 | 37·2 | 43·3 |
| 11 | 37·2 | 37·8 | 39·0 | 40·6 | 41·0 | 42·8 | 43·0 | 44·0 | 45·8 | 49·4 | 50·0 | 50·9 | 50·9 | 51·0 | 51·0 | 51·2 | 51·0 | 52·1 | 51·4 | 50·9 | 49·8 | 49·3 | 48·1 | 48·2 | 47·9 | 47·2 |
| 12 | 47·9 | 46·8 | 44·7 | 43·6 | 42·2 | 44·8 | 44·7 | 43·9 | 44·1 | 44·6 | 46·2 | 48·3 | 50·0 | 51·5 | 51·0 | 51·3 | 50·3 | 47·8 | 44·7 | 43·4 | 41·7 | 40·3 | 39·3 | 37·8 | 39·2 | 45·3 |
| 13 | 39·2 | 39·3 | 38·9 | 40·6 | 41·7 | 42·1 | 41·2 | 40·2 | 40·5 | 40·2 | 40·8 | 41·0 | 41·2 | 41·9 | 41·8 | 42·7 | 42·1 | 41·6 | 41·2 | 40·9 | 41·3 | 41·4 | 41·7 | 40·9 | 40·8 | 41·1 |
| 14 | 40·8 | 40·9 | 40·6 | 41·8 | 41·0 | 40·4 | 40·8 | 41·4 | 41·1 | 41·6 | 42·7 | 44·5 | 45·2 | 46·9 | 49·0 | 48·4 | 47·2 | 45·1 | 44·1 | 42·9 | 42·2 | 42·5 | 41·4 | 42·0 | 42·2 | 43·1 |
| 15 | 42·2 | 41·8 | 41·4 | 40·2 | 39·0 | 39·3 | 38·4 | 37·6 | 37·7 | 38·2 | 39·0 | 41·0 | 42·0 | 41·8 | 42·2 | 42·3 | 41·9 | 40·4 | 38·9 | 37·8 | 37·4 | 37·4 | 37·4 | 36·9 | 35·7 | 39·5 |
| 16 | 35·7 | 36·3 | 37·2 | 35·0 | 34·2 | 33·7 | 37·2 | 38·4 | 38·8 | 40·2 | 40·5 | 40·5 | 40·2 | 41·3 | 40·7 | 40·0 | 38·7 | 37·3 | 36·4 | 35·7 | 34·9 | 34·8 | 34·7 | 34·9 | 38·0 | 37·4 |
| 17 | 38·0 | 38·9 | 39·2 | 39·2 | 39·3 | 39·6 | 38·8 | 39·3 | 39·8 | 39·9 | 39·7 | 39·5 | 39·6 | 39·9 | 40·0 | 40·3 | 40·5 | 39·7 | 39·7 | 43·8 | 43·0 | 42·6 | 42·1 | 42·2 | 41·8 | 40·3 |
| 18 | 41·8 | 41·8 | 41·8 | 41·4 | 40·2 | 40·2 | 39·6 | 39·7 | 39·7 | 39·7 | 40·8 | 42·3 | 41·4 | 42·4 | 40·8 | 39·1 | 38·2 | 37·2 | 35·8 | 35·8 | 35·5 | 35·4 | 34·6 | 35·0 | 34·7 | 39·0 |
| 19 | 34·7 | 33·9 | 33·9 | 33·9 | 34·2 | 36·8 | 37·8 | 37·9 | 38·2 | 39·2 | 40·9 | 42·4 | 44·4 | 45·1 | 45·4 | 45·2 | 45·2 | 43·9 | 41·9 | 41·8 | 40·8 | 41·4 | 40·2 | 40·2 | 41·5 | 40·1 |
| 20 | 41·5 | 40·9 | 41·7 | 41·4 | 40·8 | 40·6 | 40·4 | 40·7 | 41·5 | 42·8 | 44·7 | 46·0 | 46·9 | 47·8 | 48·6 | 49·8 | 49·8 | 49·2 | 48·8 | 47·8 | 46·8 | 47·2 | 46·5 | 46·8 | 46·6 | 45·1 |
| 21 | 46·6 | 44·4 | 44·6 | 45·2 | 44·9 | 45·5 | 45·6 | 46·8 | 46·8 | 48·7 | 50·2 | 51·1 | 51·5 | 50·7 | 46·8 | 47·2 | 46·0 | 43·4 | 41·8 | 40·2 | 38·8 | 40·7 | 42·1 | 40·9 | 40·6 | 45·3 |
| 22 | 40·6 | 40·0 | 40·0 | 39·7 | 38·2 | 37·0 | 37·4 | 38·8 | 40·1 | 41·1 | 41·1 | 42·6 | 43·4 | 46·3 | 47·3 | 47·2 | 44·6 | 43·0 | 40·8 | 39·4 | 39·2 | 39·2 | 39·0 | 39·9 | 40·1 | 41·1 |
| 23 | 40·1 | 40·6 | 38·6 | 38·9 | 37·8 | 38·6 | 39·0 | 38·0 | 37·7 | 38·3 | 39·4 | 40·5 | 41·7 | 40·7 | 39·6 | 41·2 | 39·9 | 38·6 | 36·8 | 36·7 | 37·2 | 37·5 | 37·6 | 37·6 | 37·4 | 38·8 |
| 24 | 37·4 | 37·9 | 38·9 | 39·4 | 39·4 | 39·8 | 39·6 | 40·4 | 41·2 | 41·0 | 41·2 | 42·7 | 43·7 | 42·6 | 43·0 | 43·8 | 43·0 | 42·6 | 41·4 | 41·4 | 40·4 | 39·9 | 39·4 | 38·6 | 38·4 | 40·8 |
| 25 | 38·4 | 37·7 | 37·6 | 38·2 | 37·6 | 36·7 | 37·5 | 37·4 | 37·8 | 36·3 | 36·1 | 36·8 | 37·0 | 43·2 | 42·4 | 42·8 | 42·5 | 41·7 | 39·6 | 39·5 | 39·4 | 39·9 | 40·2 | 39·4 | 40·2 | 39·0 |
| 26 | 40·2 | 40·0 | 39·8 | 39·8 | 39·6 | 39·6 | 39·4 | 39·0 | 39·0 | 39·9 | 37·4 | 36·8 | 39·4 | 41·6 | 43·7 | 46·8 | 45·7 | 44·8 | 42·8 | 40·9 | 40·3 | 39·2 | 38·1 | 38·2 | 37·6 | 40·4 |
| 27 | 37·6 | 36·4 | 36·7 | 37·2 | 36·6 | 36·6 | 35·9 | 34·7 | 34·2 | 36·0 | 36·1 | 35·8 | 35·8 | 36·8 | 36·0 | 36·2 | 35·5 | 34·4 | 32·8 | 32·6 | 31·9 | 30·8 | 29·2 | 29·8 | 29·0 | 34·6 |
| 28 | 29·6 | 29·5 | 29·0 | 29·1 | 28·6 | 29·2 | 29·7 | 30·0 | 29·1 | 30·1 | 31·5 | 32·2 | 33·3 | 33·7 | 35·4 | 33·3 | 30·4 | 30·6 | 29·0 | 30·2 | 30·2 | 30·7 | 32·0 | 33·8 | 33·8 | 30·9 |
| 29 | 33·8 | 33·9 | 34·3 | 34·3 | 34·0 | 34·7 | 34·2 | 36·7 | 36·8 | 37·2 | 38·2 | 38·7 | 39·7 | 40·3 | 40·6 | 40·1 | 40·0 | 38·8 | 37·3 | 36·6 | 35·8 | 36·3 | 35·0 | 36·0 | 35·9 | 36·8 |
| Mean ... | 39·0 | 38·8 | 38·9 | 39·0 | 38·7 | 38·9 | 39·2 | 39·4 | 39·5 | 40·2 | 40·8 | 41·9 | 43·0 | 43·8 | 43·9 | 44·0 | 43·1 | 42·0 | 40·9 | 40·4 | 39·9 | 39·7 | 39·1 | 39·0 | 39·0 | 40·5 |
| Mean, 1871–1905. | 37·4 | 37·3 | 37·1 | 37·0 | 36·8 | 36·8 | 36·7 | 36·7 | 36·8 | 37·4 | 38·3 | 39·4 | 40·2 | 40·9 | 41·0 | 40·9 | 40·5 | 39·7 | 39·0 | 38·6 | 38·3 | 38·0 | 37·7 | 37·6 | 37·4 | 38·3 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). FEBRUARY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 79 | 78 | 76 | 72 | 85 | 83 | 80 | 75 | 68 | 66 | 62 | 67 | 62 | 79 | 77 | 80 | 88 | 88 | 88 | 83 | 92 | 88 | 83 | 75·9 |
| 2 | 83 | 82 | 83 | 80 | 77 | 76 | 78 | 81 | 88 | 92 | 92 | 89 | 85 | 79 | 77 | 80 | 80 | 78 | 79 | 85 | 87 | 90 | 91 | 90 | 90 | 83·3 |
| 3 | 90 | 91 | 90 | 89 | 90 | 91 | 90 | 83 | 76 | 72 | 68 | 73 | 65 | 65 | 83 | 73 | 75 | 78 | 79 | 85 | 87 | 85 | 85 | 85 | 85 | 81·0 |
| 4 | 85 | 87 | 85 | 80 | 78 | 82 | 77 | 78 | 82 | 86 | 86 | 86 | 85 | 80 | 74 | 77 | 82 | 82 | 79 | 77 | 77 | 80 | 81 | 81 | 81 | 81·1 |
| 5 | 81 | 83 | 80 | 80 | 83 | 80 | 79 | 78 | 76 | 78 | 77 | 69 | 74 | 70 | 70 | 69 | 73 | 76 | 77 | 79 | 74 | 74 | 72 | 70 | 75·9 |
| 6 | 70 | 69 | 68 | 70 | 69 | 71 | 68 | 72 | 69 | 68 | 63 | 65 | 63 | 63 | 60 | 66 | 70 | 67 | 67 | 71 | 69 | 69 | 70 | 73 | 71 | 67·9 |
| 7 | 71 | 76 | 71 | 70 | 75 | 78 | 78 | 77 | 78 | 80 | 81 | 78 | 70 | 68 | 67 | 69 | 72 | 72 | 70 | 68 | 60 | 64 | 65 | 63 | 63 | 71·6 |
| 8 | 63 | 65 | 66 | 67 | 69 | 72 | 72 | 77 | 84 | 83 | 76 | 72 | 69 | 69 | 67 | 69 | 62 | 62 | 75 | 75 | 74 | 72 | 73 | 76 | 74 | 71·6 |
| 9 | 75 | 74 | 75 | 79 | 81 | 88 | 85 | 82 | 82 | 81 | 77 | 75 | 70 | 70 | 70 | 75 | 77 | 77 | 80 | 82 | 83 | 87 | 88 | 89 | 89 | 79·6 |
| 10 | 89 | 88 | 92 | 92 | 91 | 87 | 89 | 88 | 89 | 88 | 87 | 81 | 78 | 71 | 69 | 73 | 76 | 82 | 84 | 85 | 84 | 84 | 86 | 89 | 87 | 84·2 |
| 11 | 87 | 87 | 86 | 84 | 82 | 76 | 79 | 81 | 78 | 72 | 70 | 66 | 65 | 67 | 68 | 68 | 70 | 68 | 70 | 71 | 73 | 76 | 76 | 76 | 76 | 74·6 |
| 12 | 76 | 78 | 83 | 84 | 88 | 82 | 83 | 82 | 81 | 84 | 82 | 74 | 68 | 62 | 64 | 62 | 63 | 67 | 70 | 73 | 79 | 79 | 79 | 82 | 81 | 76·2 |
| 13 | 81 | 85 | 85 | 84 | 86 | 85 | 85 | 81 | 78 | 79 | 78 | 80 | 81 | 80 | 78 | 76 | 77 | 77 | 77 | 80 | 78 | 79 | 78 | 81 | 81 | 80·3 |
| 14 | 81 | 82 | 81 | 79 | 82 | 84 | 84 | 85 | 83 | 85 | 84 | 81 | 81 | 78 | 62 | 63 | 64 | 68 | 65 | 76 | 79 | 79 | 86 | 85 | 84 | 78·3 |
| 15 | 84 | 77 | 73 | 73 | 78 | 76 | 78 | 78 | 74 | 71 | 69 | 62 | 59 | 60 | 59 | 62 | 60 | 64 | 69 | 71 | 71 | 74 | 74 | 75 | 77 | 70·3 |
| 16 | 77 | 74 | 73 | 78 | 79 | 82 | 76 | 79 | 81 | 86 | 85 | 85 | 81 | 67 | 75 | 73 | 80 | 85 | 81 | 81 | 79 | 79 | 79 | 81 | 77 | 78·7 |
| 17 | 78 | 77 | 78 | 78 | 83 | 81 | 83 | 82 | 84 | 87 | 87 | 91 | 92 | 92 | 90 | 88 | 86 | 88 | 89 | 75 | 75 | 76 | 77 | 78 | 78 | 83·0 |
| 18 | 78 | 77 | 75 | 78 | 81 | 81 | 89 | 89 | 90 | 90 | 88 | 80 | 74 | 67 | 63 | 70 | 73 | 66 | 75 | 73 | 75 | 76 | 79 | 75 | 73 | 77·6 |
| 19 | 73 | 77 | 75 | 76 | 75 | 77 | 77 | 80 | 80 | 76 | 73 | 70 | 63 | 60 | 69 | 70 | 70 | 71 | 79 | 77 | 77 | 79 | 79 | 81 | 81 | 79 | 74·6 |
| 20 | 79 | 79 | 77 | 79 | 78 | 78 | 80 | 80 | 79 | 75 | 75 | 75 | 75 | 76 | 76 | 76 | 76 | 77 | 78 | 78 | 81 | 82 | 84 | 84 | 82 | 78·3 |
| 21 | 82 | 86 | 82 | 85 | 85 | 87 | 89 | 87 | 89 | 84 | 79 | 80 | 59 | 68 | 66 | 54 | 60 | 67 | 71 | 72 | 80 | 73 | 67 | 69 | 65 | 75·5 |
| 22 | 65 | 66 | 66 | 66 | 67 | 73 | 80 | 80 | 84 | 83 | 86 | 90 | 86 | 87 | 81 | 76 | 76 | 66 | 65 | 60 | 65 | 62 | 61 | 62 | 62 | 67 | 72·8 |
| 23 | 67 | 64 | 73 | 66 | 67 | 60 | 58 | 65 | 68 | 71 | 67 | 65 | 59 | 67 | 76 | 63 | 65 | 66 | 70 | 69 | 68 | 66 | 66 | 68 | 71 | 66·5 |
| 24 | 71 | 73 | 74 | 72 | 75 | 81 | 83 | 89 | 87 | 81 | 83 | 77 | 74 | 79 | 77 | 70 | 73 | 73 | 76 | 76 | 79 | 80 | 81 | 83 | 85 | 78·0 |
| 25 | 85 | 83 | 82 | 80 | 80 | 82 | 80 | 80 | 83 | 91 | 91 | 91 | 93 | 80 | 79 | 76 | 75 | 75 | 86 | 80 | 80 | 76 | 78 | 77 | 73 | 81·6 |
| 26 | 73 | 70 | 71 | 71 | 72 | 73 | 75 | 76 | 75 | 71 | 87 | 90 | 89 | 85 | 80 | 78 | 73 | 69 | 68 | 75 | 72 | 76 | 76 | 73 | 73 | 75·7 |
| 27 | 73 | 76 | 72 | 75 | 79 | 75 | 81 | 79 | 84 | 80 | 67 | 69 | 67 | 63 | 61 | 65 | 68 | 73 | 77 | 70 | 63 | 69 | 76 | 78 | 79 | 72·8 |
| 28 | 79 | 66 | 62 | 63 | 67 | 71 | 73 | 65 | 77 | 69 | 66 | 68 | 62 | 62 | 52 | 61 | 78 | 82 | 76 | 78 | 80 | 84 | 76 | 68 | 69 | 70·0 |
| 29 | 69 | 68 | 72 | 75 | 78 | 75 | 79 | 69 | 65 | 64 | 61 | 65 | 64 | 63 | 61 | 64 | 63 | 68 | 81 | 80 | 86 | 85 | 88 | 87 | 90 | 72·5 |
| Mean ... | 77·3 | 77·2 | 76·9 | 76·7 | 78·8 | 79·1 | 79·6 | 79·4 | 79·6 | 79·0 | 77·7 | 76·5 | 72·7 | 71·2 | 70·0 | 69·8 | 71·5 | 73·5 | 75·5 | 76·2 | 76·7 | 77·0 | 78·2 | 78·2 | 77·7 | 76·2 |
| Mean, 1886–1905. | 80·6 | 80·8 | 80·9 | 81·2 | 81·4 | 81·2 | 81·4 | 81·4 | 81·0 | 80·4 | 79·1 | 77·5 | 76·0 | 75·8 | 75·5 | 75·8 | 76·8 | 78·4 | 79·5 | 80·2 | 80·2 | 80·2 | 80·3 | 80·4 | 80·7 | 79·4 |

[*Price Sixpence.*

# FALMOUTH OBSERVATORY. FEBRUARY, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows :—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. FEBRUARY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·149 | 9·877 | 46·3 | 41·2 | 9 | 0·386 | 0·329 | 47·8 | 42·4 | 17 | 9·820 | 9·462 | 51·2 | 47·0 | 25 | 0·049 | 9·837 | 50·1 | 43·3 |
| 2 | 0·245 | 0·145 | 47·2 | 41·0 | 10 | 0·400 | 0·334 | 49·2 | 41·3 | 18 | 9·863 | 9·701 | 52·0 | 45·6 | 26 | 0·093 | 9·823 | 48·8 | 42·5 |
| 3 | 0·236 | 0·079 | 48·6 | 43·7 | 11 | 0·406 | 0·318 | 49·3 | 41·4 | 19 | 9·905 | 9·847 | **53·2** | 47·1 | 27 | 9·843 | 9·627 | 48·7 | 41·4 |
| 4 | 0·507 | 0·234 | 44·5 | 36·4 | 12 | 0·318 | 0·042 | 46·6 | 41·3 | 20 | 9·917 | 9·860 | 51·2 | 47·1 | 28 | 9·627 | 9·192 | 44·0 | 37·9 |
| 5 | 0·550 | 0·502 | 45·6 | 35·8 | 13 | 0·042 | 9·925 | 52·4 | 42·9 | 21 | 9·880 | 9·820 | 51·6 | 46·1 | 29 | 9·425 | **9·188** | 43·8 | **35·1** |
| 6 | **0·622** | 0·504 | 50·4 | 43·2 | 14 | 0·227 | 9·955 | 50·0 | 43·9 | 22 | 9·888 | 9·597 | 52·2 | 46·0 | | | | | |
| 7 | 0·618 | 0·511 | 51·3 | 45·6 | 15 | 0·183 | 9·841 | 50·9 | 41·0 | 23 | 9·804 | 9·652 | 47·8 | 44·1 | | | | | |
| 8 | 0·511 | 0·333 | 47·0 | 44·7 | 16 | 0·158 | 9·812 | 50·0 | 39·6 | 24 | 9·985 | 9·756 | 46·1 | 38·7 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 48·9 | 42·3 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. FEBRUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·877 | 9·891 | 9·899 | 9·897 | 9·915 | 9·915 | 9·917 | 9·911 | 9·937 | 9·939 | 9·955 | 9·977 | 9·985 | 9·987 | 9·977 | 9·981 | 9·995 | 0·019 | 0·055 | 0·069 | 0·093 | 0·099 | 0·125 | 0·133 | 0·149 | 9·987 |
| 2 | 0·149 | 0·145 | 0·155 | 0·165 | 0·167 | 0·171 | 0·179 | 0·185 | 0·209 | 0·227 | 0·229 | 0·233 | 0·229 | 0·219 | 0·205 | 0·207 | 0·213 | 0·221 | 0·235 | 0·243 | 0·243 | 0·237 | 0·233 | 0·227 | 0·225 | 0·207 |
| 3 | 0·225 | 0·219 | 0·213 | 0·199 | 0·187 | 0·181 | 0·155 | 0·135 | 0·139 | 0·135 | 0·121 | 0·110 | 0·090 | 0·090 | 0·088 | 0·096 | 0·116 | 0·118 | 0·156 | 0·182 | 0·188 | 0·198 | 0·210 | 0·206 | 0·236 | 0·157 |
| 4 | 0·236 | 0·234 | 0·246 | 0·258 | 0·270 | 0·290 | 0·310 | 0·330 | 0·352 | 0·370 | 0·388 | 0·391 | 0·409 | 0·407 | 0·405 | 0·409 | 0·419 | 0·431 | 0·461 | 0·475 | 0·489 | 0·493 | 0·503 | 0·501 | 0·507 | 0·384 |
| 5 | 0·507 | 0·509 | 0·521 | 0·525 | 0·525 | 0·529 | 0·531 | 0·527 | 0·531 | 0·531 | 0·545 | 0·550 | 0·546 | 0·538 | 0·526 | 0·518 | 0·514 | 0·502 | 0·516 | 0·516 | 0·510 | 0·514 | 0·524 | 0·520 | 0·512 | 0·524 |
| 6 | 0·512 | 0·504 | 0·508 | 0·516 | 0·520 | 0·518 | 0·522 | 0·526 | 0·544 | 0·556 | 0·570 | 0·580 | 0·574 | 0·568 | 0·570 | 0·564 | 0·562 | 0·568 | 0·596 | 0·594 | 0·604 | 0·608 | 0·618 | 0·618 | 0·616 | 0·562 |
| 7 | 0·616 | 0·610 | 0·612 | 0·606 | 0·596 | 0·590 | 0·590 | 0·592 | 0·600 | 0·602 | 0·606 | 0·599 | 0·593 | 0·573 | 0·555 | 0·545 | 0·537 | 0·533 | 0·535 | 0·533 | 0·539 | 0·535 | 0·529 | 0·519 | 0·511 | 0·571 |
| 8 | 0·511 | 0·497 | 0·485 | 0·461 | 0·447 | 0·433 | 0·425 | 0·421 | 0·421 | 0·415 | 0·417 | 0·419 | 0·403 | 0·389 | 0·373 | 0·393 | 0·357 | 0·341 | 0·339 | 0·345 | 0·351 | 0·353 | 0·361 | 0·355 | 0·357 | 0·400 |
| 9 | 0·357 | 0·355 | 0·351 | 0·343 | 0·337 | 0·331 | 0·331 | 0·333 | 0·351 | 0·365 | 0·381 | 0·384 | 0·378 | 0·370 | 0·364 | 0·358 | 0·358 | 0·354 | 0·356 | 0·362 | 0·370 | 0·370 | 0·372 | 0·368 | 0·372 | 0·359 |
| 10 | 0·372 | 0·362 | 0·352 | 0·344 | 0·352 | 0·348 | 0·340 | 0·334 | 0·350 | 0·360 | 0·374 | 0·374 | 0·366 | 0·360 | 0·364 | 0·360 | 0·364 | 0·366 | 0·370 | 0·376 | 0·378 | 0·386 | 0·394 | 0·392 | 0·400 | 0·365 |
| 11 | 0·400 | 0·398 | 0·394 | 0·394 | 0·388 | 0·388 | 0·388 | 0·384 | 0·400 | 0·406 | 0·400 | 0·402 | 0·406 | 0·396 | 0·380 | 0·360 | 0·346 | 0·346 | 0·358 | 0·358 | 0·350 | 0·344 | 0·338 | 0·332 | 0·318 | 0·376 |
| 12 | 0·318 | 0·300 | 0·282 | 0·264 | 0·250 | 0·236 | 0·230 | 0·220 | 0·220 | 0·210 | 0·210 | 0·204 | 0·182 | 0·162 | 0·128 | 0·100 | 0·090 | 0·090 | 0·092 | 0·082 | 0·074 | 0·068 | 0·060 | 0·044 | 0·042 | 0·166 |
| 13 | 0·042 | 0·024 | 0·018 | 0·009 | 9·974 | 9·968 | 9·958 | 9·960 | 9·966 | 9·962 | 9·962 | 9·965 | 9·955 | 9·943 | 9·929 | 9·925 | 9·929 | 9·933 | 9·943 | 9·945 | 9·945 | 9·947 | 9·947 | 9·949 | 9·957 | 9·960 |
| 14 | 9·957 | 9·957 | 9·957 | 9·963 | 9·973 | 9·987 | 0·017 | 0·041 | 0·075 | 0·095 | 0·123 | 0·147 | 0·165 | 0·161 | 0·179 | 0·179 | 0·199 | 0·219 | 0·223 | 0·227 | 0·225 | 0·213 | 0·193 | 0·183 | 0·117 | |
| 15 | 0·183 | 0·163 | 0·149 | 0·117 | 0·083 | 0·059 | 0·035 | 0·009 | 9·993 | 9·955 | 9·925 | 9·891 | 9·863 | 9·843 | 9·841 | 9·861 | 9·907 | 9·917 | 9·941 | 9·963 | 9·993 | 0·009 | 0·041 | 0·049 | 0·055 | 9·989 |
| 16 | 0·055 | 0·061 | 0·063 | 0·065 | 0·075 | 0·079 | 0·093 | 0·095 | 0·113 | 0·127 | 0·147 | 0·148 | 0·156 | 0·138 | 0·124 | 0·108 | 0·100 | 0·092 | 0·076 | 0·050 | 0·014 | 9·974 | 9·922 | 9·864 | 9·812 | 0·067 |
| 17 | 9·812 | 9·758 | 9·710 | 9·666 | 9·628 | 9·592 | 9·552 | 9·512 | 9·480 | 9·470 | 9·479 | 9·492 | 9·490 | 9·480 | 9·478 | 9·486 | 9·524 | 9·570 | 9·618 | 9·654 | 9·690 | 9·716 | 9·760 | 9·780 | 9·820 | 9·600 |
| 18 | 9·820 | 9·818 | 9·830 | 9·826 | 9·816 | 9·816 | 9·778 | 9·756 | 9·744 | 9·738 | 9·730 | 9·725 | 9·751 | 9·729 | 9·725 | 9·715 | 9·733 | 9·781 | 9·795 | 9·805 | 9·829 | 9·829 | 9·849 | 9·861 | 9·863 | 9·784 |
| 19 | 9·863 | 9·865 | 9·871 | 9·861 | 9·859 | 9·853 | 9·853 | 9·849 | 9·863 | 9·865 | 9·875 | 9·867 | 9·865 | 9·857 | 9·858 | 9·851 | 9·855 | 9·867 | 9·873 | 9·887 | 9·895 | 9·893 | 9·899 | 9·901 | 9·905 | 9·869 |
| 20 | 9·905 | 9·905 | 9·909 | 9·893 | 9·897 | 9·895 | 9·905 | 9·905 | 9·911 | 9·915 | 9·917 | 9·900 | 9·902 | 9·900 | 9·888 | 9·876 | 9·868 | 9·870 | 9·884 | 9·888 | 9·888 | 9·882 | 9·884 | 9·878 | 9·876 | 9·894 |
| 21 | 9·876 | 9·886 | 9·872 | 9·870 | 9·866 | 9·856 | 9·856 | 9·846 | 9·844 | 9·844 | 9·838 | 9·856 | 9·846 | 9·838 | 9·822 | 9·822 | 9·828 | 9·838 | 9·850 | 9·854 | 9·876 | 9·876 | 9·876 | 9·876 | 9·878 | 9·854 |
| 22 | 9·878 | 9·886 | 9·862 | 9·852 | 9·854 | 9·836 | 9·824 | 9·812 | 9·786 | 9·762 | 9·726 | 9·709 | 9·661 | 9·643 | 9·601 | 9·597 | 9·603 | 9·621 | 9·667 | 9·663 | 9·723 | 9·735 | 9·755 | 9·771 | 9·797 | 9·742 |
| 23 | 9·797 | 9·791 | 9·783 | 9·773 | 9·773 | 9·765 | 9·759 | 9·747 | 9·735 | 9·717 | 9·727 | 9·700 | 9·690 | 9·662 | 9·652 | 9·652 | 9·672 | 9·684 | 9·704 | 9·722 | 9·740 | 9·766 | 9·800 | 9·798 | 9·796 | 9·734 |
| 24 | 9·796 | 9·792 | 9·790 | 9·774 | 9·762 | 9·762 | 9·786 | 9·794 | 9·816 | 9·824 | 9·840 | 9·861 | 9·855 | 9·841 | 9·853 | 9·837 | 9·847 | 9·857 | 9·917 | 9·947 | 9·967 | 9·971 | 9·983 | 9·977 | 9·983 | 9·856 |
| 25 | 9·983 | 9·993 | 9·983 | 9·985 | 9·979 | 9·983 | 9·985 | 9·973 | 9·973 | 9·959 | 9·935 | 9·909 | 9·891 | 9·851 | 9·837 | 9·861 | 9·893 | 9·923 | 9·967 | 9·987 | 0·005 | 0·007 | 0·039 | 0·043 | 0·041 | 9·957 |
| 26 | 0·041 | 0·051 | 0·043 | 0·070 | 0·069 | 0·075 | 0·075 | 0·075 | 0·085 | 0·075 | 0·057 | 0·043 | 0·009 | 9·975 | 9·941 | 9·909 | 9·873 | 9·847 | 9·849 | 9·847 | 9·839 | 9·835 | 9·829 | 9·839 | 9·843 | 9·969 |
| 27 | 9·843 | 9·837 | 9·843 | 9·829 | 9·817 | 9·809 | 9·807 | 9·789 | 9·791 | 9·781 | 9·773 | 9·761 | 9·751 | 9·715 | 9·703 | 9·675 | 9·669 | 9·653 | 9·657 | 9·665 | 9·663 | 9·657 | 9·649 | 9·643 | 9·627 | 9·736 |
| 28 | 9·627 | 9·603 | 9·567 | 9·535 | 9·493 | 9·459 | 9·421 | 9·385 | 9·353 | 9·321 | 9·295 | 9·312 | 9·302 | 9·268 | 9·288 | 9·284 | 9·280 | 9·278 | 9·278 | 9·264 | 9·244 | 9·238 | 9·214 | 9·198 | 9·196 | 9·347 |
| 29 | 9·196 | 9·196 | 9·202 | 9·220 | 9·244 | 9·264 | 9·298 | 9·310 | 9·332 | 9·328 | 9·330 | 9·347 | 9·359 | 9·357 | 9·347 | 9·351 | 9·365 | 9·369 | 9·383 | 9·383 | 9·375 |

**FALMOUTH.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. FEBRUARY, 1908.

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 28 | 12 | 30 | 12 | 31 | 12 | 29 | 9 | 29 | 10 | 29 | 11 | 29 | 10 | 29 | 10 | 29 | 10 | 29 | 10 | 30 | 15 | 30 | 15 |
| 2 | 32 | 9 | — | 3 | 32 | 6 | 32 | 5 | — | 2 | — | 2 | — | 3 | 32 | 5 | 32 | 5 | 32 | 7 | — | 2 | — | 3 |
| 3 | 30 | 4 | 30 | 4 | 28 | 6 | 28 | 5 | 28 | 4 | 27 | 7 | 25 | 6 | 25 | 7 | 25 | 13 | 25 | 14 | 26 | 16 | 30 | 16 |
| 4 | 31 | 18 | 31 | 18 | 32 | 18 | 32 | 15 | 32 | 15 | 32 | 12 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 11 | 1 | 12 | 32 | 15 |
| 5 | — | 3 | — | 3 | — | 2 | 32 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 |
| 6 | — | 2 | — | 3 | — | 2 | — | 2 | 1 | 5 | — | 1 | — | 2 | — | 2 | — | 2 | 1 | 4 | 29 | 4 | 29 | 4 |
| 7 | 31 | 4 | — | 2 | — | 2 | 31 | 5 | — | 2 | 32 | 4 | — | 3 | — | 2 | — | 2 | 31 | 5 | 30 | 5 | 30 | 4 |
| 8 | — | 2 | — | 3 | 28 | 4 | 27 | 4 | 27 | 4 | 28 | 6 | 28 | 5 | 29 | 6 | 29 | 7 | 30 | 7 | 30 | 8 | 30 | 7 |
| 9 | 32 | 4 | 32 | 4 | 32 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | 31 | 4 | 31 | 4 | — | 3 | 31 | 4 | 31 | 4 |
| 10 | — | 2 | — | 2 | — | 2 | — | 0 | — | 1 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | 25 | 5 |
| 11 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 3 |
| 12 | 7 | 4 | 8 | 7 | 9 | 8 | 9 | 10 | 9 | 8 | 9 | 9 | 9 | 9 | 8 | 10 | 8 | 9 | 9 | 12 | 9 | 11 | 9 | 12 |
| 13 | 13 | 4 | 13 | 4 | 13 | 4 | 12 | 4 | 11 | 4 | 11 | 4 | 11 | 5 | 12 | 4 | 12 | 4 | 13 | 5 | 13 | 4 | 13 | 5 |
| 14 | 21 | 6 | 21 | 10 | 22 | 10 | 22 | 7 | 23 | 9 | 24 | 7 | 24 | 6 | 24 | 7 | 24 | 9 | 25 | 10 | 26 | 12 | 25 | 13 |
| 15 | 20 | 17 | 20 | 16 | 20 | 18 | 20 | 19 | 19 | 19 | 19 | 21 | 19 | 26 | 19 | 23 | 19 | 23 | 19 | 23 | 19 | 26 | 20 | 27 |
| 16 | 26 | 7 | 23 | 6 | 24 | 7 | 27 | 7 | 27 | 7 | 27 | 7 | 27 | 5 | — | 3 | 27 | 4 | 25 | 6 | 25 | 6 | 26 | 6 |
| 17 | 19 | 24 | 20 | 24 | 20 | 25 | 20 | 26 | 20 | 23 | 20 | 25 | 20 | 24 | 20 | 24 | 22 | 22 | 24 | 22 | 24 | 20 | 23 | 18 |
| 18 | 28 | 14 | 28 | 15 | 25 | 12 | 25 | 12 | 26 | 12 | 26 | 18 | 25 | 21 | 25 | 23 | 25 | 24 | 25 | 23 | 26 | 23 | 27 | 23 |
| 19 | 26 | 12 | 26 | 8 | 26 | 9 | 25 | 10 | 25 | 12 | 25 | 14 | 26 | 13 | 27 | 15 | 27 | 15 | 27 | 13 | 27 | 15 | 27 | 19 |
| 20 | 28 | 14 | 28 | 12 | 28 | 13 | 27 | 15 | 27 | 15 | 28 | 17 | 27 | 12 | 27 | 13 | 26 | 15 | 26 | 9 | 26 | 13 | 26 | 15 |
| 21 | 26 | 10 | 26 | 10 | 25 | 7 | 24 | 7 | 24 | 7 | 22 | 8 | 22 | 8 | 23 | 10 | 23 | 10 | 21 | 12 | 22 | 15 | 22 | 15 |
| 22 | 23 | 12 | 24 | 12 | 23 | 13 | 22 | 12 | 22 | 14 | 22 | 16 | 22 | 18 | 21 | 19 | 21 | 22 | 20 | 25 | 20 | 28 | 20 | 30 |
| 23 | 24 | 12 | 24 | 10 | 24 | 12 | 25 | 10 | 24 | 9 | 22 | 7 | 22 | 7 | 22 | 9 | 21 | 10 | 23 | 10 | 25 | 5 | 25 | 4 |
| 24 | 28 | 18 | 26 | 17 | 26 | 22 | 27 | 24 | 27 | 25 | 30 | 21 | 28 | 21 | 28 | 18 | 29 | 21 | 30 | 18 | 29 | 21 | 29 | 22 |
| 25 | 29 | 15 | 29 | 14 | 29 | 12 | 29 | 12 | 29 | 11 | 30 | 10 | 29 | 10 | 28 | 9 | 27 | 9 | 25 | 7 | 24 | 14 | 28 | 16 |
| 26 | 30 | 16 | 30 | 15 | 30 | 9 | 30 | 7 | 29 | 6 | 29 | 5 | 29 | 4 | — | 3 | 27 | 4 | 26 | 7 | 24 | 7 | 23 | 10 |
| 27 | 28 | 13 | 28 | 12 | 27 | 9 | 26 | 12 | 25 | 10 | 23 | 10 | 24 | 10 | 23 | 10 | 24 | 12 | 23 | 12 | 23 | 13 | 24 | 18 |
| 28 | 24 | 15 | 24 | 15 | 24 | 15 | 23 | 18 | 23 | 18 | 23 | 19 | 23 | 21 | 25 | 21 | 24 | 21 | 25 | 22 | 27 | 18 | 27 | 21 |
| 29 | 26 | 21 | 29 | 21 | 30 | 18 | 30 | 19 | 30 | 19 | 29 | 17 | 29 | 18 | 28 | 23 | 28 | 24 | 29 | 21 | 29 | 22 | 28 | 23 |
| Mean ... | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 11 | — | 11 | — | 12 | — | 13 |
| Mean,* 1881–1905. | — | 11·1 | — | 11·1 | — | 11·0 | — | 10·9 | — | 10·7 | — | 10·7 | — | 10·6 | — | 10·9 | — | 11·1 | — | 11·9 | — | 12·9 | — | 13·1 |

| DAYS. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 31 | 17 | 31 | 18 | 31 | 18 | 31 | 15 | 31 | 17 | 32 | 15 | 31 | 13 | 32 | 14 | 32 | 14 | 2 | 10 | 32 | 7 | 1 | 7 | 13 | 1 |
| 2 | 32 | 5 | 31 | 7 | 31 | 12 | 31 | 10 | 31 | 10 | 31 | 10 | 30 | 6 | 30 | 5 | 31 | 4 | — | 2 | — | 2 | — | 3 | 5 | 2 |
| 3 | 30 | 18 | 30 | 19 | 31 | 18 | 31 | 19 | 30 | 14 | 31 | 16 | 30 | 12 | 31 | 14 | 30 | 15 | 31 | 15 | 31 | 16 | 31 | 16 | 12 | 3 |
| 4 | 1 | 14 | 32 | 13 | 32 | 15 | 32 | 14 | 32 | 11 | 32 | 7 | 32 | 4 | 32 | 7 | 32 | 5 | 32 | 4 | 32 | 4 | — | 3 | 11 | 4 |
| 5 | 31 | 4 | 31 | 6 | 30 | 6 | 30 | 5 | 30 | 7 | 31 | 4 | 30 | 4 | 30 | 4 | 30 | 5 | 31 | 7 | 31 | 5 | — | 3 | 4 | 5 |
| 6 | 30 | 5 | 30 | 7 | 31 | 5 | 30 | 5 | 30 | 4 | 29 | 4 | 30 | 7 | 31 | 7 | — | 3 | 32 | 4 | 31 | 4 | — | 3 | 4 | 6 |
| 7 | 29 | 4 | 30 | 7 | 30 | 7 | 31 | 4 | 30 | 4 | — | 2 | 30 | 4 | — | 2 | 31 | 4 | — | 2 | — | 2 | — | 2 | 4 | 7 |
| 8 | 30 | 7 | 30 | 8 | 30 | 10 | 29 | 9 | 30 | 10 | 31 | 10 | 31 | 8 | 32 | 10 | 32 | 8 | 32 | 7 | 32 | 6 | 32 | 4 | 7 | 8 |
| 9 | — | 3 | 30 | 4 | 31 | 5 | 31 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | 28 | 4 | — | 2 | — | 2 | 28 | 4 | 3 | 9 |
| 10 | 23 | 6 | 23 | 7 | 22 | 7 | 22 | 4 | 22 | 5 | — | 3 | 26 | 4 | 31 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | 3 | 10 |
| 11 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 10 | 4 | — | 3 | — | 3 | — | 3 | 2 | 11 |
| 12 | 9 | 12 | 9 | 12 | 9 | 12 | 9 | 12 | 11 | 10 | 12 | 11 | 12 | 10 | 13 | 10 | 13 | 8 | 12 | 6 | 13 | 5 | 13 | 4 | 9 | 12 |
| 13 | 14 | 7 | 14 | 7 | 18 | 7 | 19 | 7 | 19 | 4 | — | 3 | — | 2 | 19 | 7 | 20 | 8 | 20 | 6 | 20 | 10 | 21 | 8 | 5 | 13 |
| 14 | 26 | 12 | 26 | 12 | 24 | 10 | 24 | 8 | 23 | 8 | 23 | 5 | 22 | 7 | 20 | 9 | 20 | 12 | 20 | 12 | 20 | 15 | 20 | 15 | 10 | 14 |
| 15 | 21 | 29 | 23 | 21 | 27 | 14 | 28 | 10 | 28 | 9 | 28 | 10 | 29 | 10 | 28 | 9 | 26 | 8 | 27 | 7 | 26 | 7 | 27 | 5 | 17 | 15 |
| 16 | 24 | 4 | 22 | 8 | 20 | 9 | 20 | 8 | 18 | 7 | 18 | 5 | 17 | 7 | 17 | 7 | 17 | 10 | 17 | 12 | 18 | 17 | 18 | 19 | 8 | 16 |
| 17 | 24 | 18 | 25 | 21 | 26 | 21 | 27 | 18 | 27 | 17 | 27 | 17 | 27 | 15 | 28 | 19 | 29 | 18 | 29 | 13 | 29 | 15 | 28 | 16 | 20 | 17 |
| 18 | 26 | 24 | 28 | 22 | 28 | 23 | 28 | 19 | 27 | 14 | 27 | 12 | 28 | 11 | 27 | 8 | 27 | 13 | 27 | 13 | 28 | 13 | 28 | 12 | 17 | 18 |
| 19 | 28 | 18 | 27 | 18 | 28 | 17 | 28 | 15 | 28 | 15 | 28 | 12 | 28 | 10 | 27 | 10 | 27 | 12 | 28 | 13 | 28 | 13 | 27 | 15 | 13 | 19 |
| 20 | 27 | 13 | 26 | 15 | 25 | 12 | 25 | 11 | 26 | 15 | 25 | 7 | 25 | 7 | 24 | 9 | 25 | 11 | 25 | 8 | 25 | 10 | 26 | 10 | 12 | 20 |
| 21 | 23 | 14 | 23 | 14 | 24 | 14 | 24 | 12 | 24 | 11 | 24 | 11 | 23 | 13 | 24 | 12 | 23 | 11 | 24 | 12 | 25 | 12 | 23 | 10 | 11 | 21 |
| 22 | 20 | 30 | 21 | 32 | 22 | 29 | 23 | 28 | 24 | 22 | 24 | 21 | 24 | 18 | 25 | 19 | 25 | 18 | 26 | 20 | 25 | 13 | 26 | 11 | 20 | 22 |
| 23 | 26 | 5 | 27 | 7 | 27 | 9 | 28 | 12 | 28 | 10 | 27 | 12 | 28 | 15 | 28 | 17 | 28 | 18 | 28 | 20 | 27 | 18 | 26 | 19 | 11 | 23 |
| 24 | 28 | 23 | 29 | 24 | 29 | 26 | 29 | 24 | 29 | 23 | 29 | 19 | 30 | 17 | 30 | 16 | 31 | 15 | 30 | 15 | 30 | 16 | 30 | 15 | 20 | 24 |
| 25 | 29 | 19 | 30 | 22 | 29 | 21 | 30 | 18 | 29 | 16 | 29 | 15 | 29 | 15 | 29 | 15 | 29 | 14 | 30 | 13 | 31 | 15 | 31 | 16 | 14 | 25 |
| 26 | 23 | 12 | 23 | 15 | 22 | 15 | 23 | 16 | 23 | 15 | 24 | 17 | 25 | 15 | 25 | 15 | 26 | 15 | 27 | 16 | 28 | 13 | 28 | 13 | 11 | 26 |
| 27 | 25 | 21 | 25 | 20 | 25 | 20 | 25 | 21 | 25 | 21 | 25 | 18 | 26 | 18 | 26 | 17 | 25 | 18 | 25 | 18 | 25 | 16 | 25 | 15 | 15 | 27 |
| 28 | 26 | 21 | 27 | 23 | 27 | 21 | 26 | 20 | 26 | 18 | 25 | 17 | 26 | 18 | 26 | 18 | 27 | 19 | 26 | 18 | 26 | 22 | 26 | 22 | 19 | 28 |
| 29 | 29 | 23 | 28 | 23 | 30 | 21 | 30 | 19 | 30 | 18 | 30 | 15 | 29 | 18 | 30 | 19 | 30 | 19 | 30 | 17 | 30 | 15 | 30 | 15 | 20 | 29 |
| — | 13 | — | 14 | — | 14 | — | 13 | — | 12 | — | 10 | — | 10 | — | 11 | — | 11 | — | 10 | — | 10 | — | 10 | 11 | | |
| — | 13·3 | — | 13·3 | — | 13·1 | — | 12·7 | — | 12·1 | — | 11·4 | — | 11·4 | — | 11·4 | — | 11·3 | — | 11·0 | — | 11·0 | — | 10·9 | 11·6 | Mean,* 1881–1905. | |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1885 omitted.

**FALMOUTH.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. FEBRUARY, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 2 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 02 |
| 3 | — | — | — | — | — | — | 01 | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 10 | — | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | 02 | — | — | 02 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | 05 | — | — | — | 05 |
| 15 | — | — | — | 04 | 02 | 08 | 06 | 10 | 10 | 09 | 18 | 07 | 03 | 01 | — | — | — | — | — | — | — | — | — | — | 78 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 07 | 16 | 18 | — | 44 |
| 17 | 11 | 07 | 05 | 04 | 11 | 03 | 10 | 04 | 07 | 01 | — | 01 | 02 | 02 | 01 | — | — | — | — | — | — | — | — | — | 69 |
| 18 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 19 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 | — | — | 02 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 01 | — | — | — | — | — | — | — | — | 04 |
| 24 | — | — | — | 03 | 02 | 07 | 02 | — | — | 02 | — | 02 | 02 | — | — | — | 01 | — | — | — | — | — | — | — | 07 |
| 25 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | 14 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | 01 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 02 | 03 | 02 | — | — | — | — | — | 12 |
| 28 | 04 | — | 03 | 01 | 04 | — | 03 | 04 | 06 | 08 | 02 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 03 |
| 29 | — | 03 | 02 | — | — | — | — | — | — | — | — | — | — | 02 | 03 | 02 | 05 | 01 | — | 01 | 03 | — | — | — | 39 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Sum ... | 18 | 10 | 11 | 17 | 19 | 19 | 22 | 20 | 24 | 22 | 20 | 13 | 07 | 08 | 07 | 06 | 08 | 04 | 02 | 02 | 06 | 12 | 18 | 19 | 3·44 |
| Average 1871–1905. | ·161 | ·157 | ·190 | ·148 | ·143 | ·148 | ·123 | ·154 | ·169 | ·157 | ·114 | ·123 | ·146 | ·159 | ·155 | ·155 | ·146 | ·158 | ·164 | ·157 | ·174 | ·180 | ·166 | ·167 | 3·715 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

**FALMOUTH.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. FEBRUARY, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | — | 6·9 | Very fine day. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋, overcast all day. |
| 3 | — | — | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | ·7 | ·4 | — | — | — | — | 4·1 | ●; cloudy to bright. |
| 4 | — | — | — | — | ·2 | ·8 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·8 | ·3 | — | — | — | — | 7·0 | Fine and bright. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 6 | — | — | — | — | — | — | — | ·4 | ·2 | ·2 | — | — | — | — | — | — | — | 0·8 | ≋ early; overcast day, with slight break |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋ A.M. [about mid-day. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day. |
| 10 | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | 0·1 | ● early; overcast to cloudy. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | ·2 | ·9 | — | — | — | — | 1·1 | Dull morning; clearing in afternoon. |
| 12 | — | — | — | — | ·4 | ·8 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | ·2 | — | — | — | — | 7·2 | Very fine day; ▯ at 20h. 30m. |
| 13 | — | — | — | — | — | — | — | ·1 | ·7 | ·9 | ·6 | ·4 | — | — | — | — | — | 2·7 | Fair during day; ● at 22h. |
| 14 | — | — | — | — | ·7 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | 8·0 | ● early, then fine and bright. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●, ≋, till about 14h.; fine evening. |
| 16 | — | — | — | — | — | — | — | ·7 | ·7 | — | ·1 | — | — | — | — | — | — | 1·5 | Fair at first; overcast later, with rain. |
| 17 | — | — | — | — | ·2 | ·9 | ·5 | — | — | — | — | ·2 | ·1 | — | — | — | — | 1·9 | ● till 9h., brightening 10h. to 12h., but |
| 18 | — | — | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | — | — | 4·0 | Generally fine; ≋ at times. [overcast later. |
| 19 | — | — | — | — | — | — | ·6 | ·5 | ·3 | ·2 | ·9 | — | — | — | — | — | — | 2·5 | Fair. |
| 20 | — | — | — | — | — | ·2 | ·6 | ·8 | ·2 | ·4 | ·2 | ·3 | — | — | — | — | — | 2·7 | Fair. |
| 21 | — | — | — | — | — | ·2 | — | — | ·1 | — | ·1 | — | — | — | — | — | — | 0·4 | Dull day, clearing in evening. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ≋; ● P.M. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·4 | ·2 | 0·6 | Dull, damp day. |
| 24 | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | 8·0 | ● and ▲ early, then fine; ≋ at times. |
| 25 | — | — | — | — | — | — | — | ·2 | ·8 | 1·0 | 1·0 | ·7 | — | — | — | — | — | 3·7 | Overcast to fine and bright. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·3 | Dull day, with ● P.M. |
| 27 | — | — | — | — | ·3 | — | — | — | — | — | — | — | — | — | — | — | — | 4·4 | Fair. [P.M. brighter. |
| 28 | — | — | — | — | ·2 | ·6 | — | — | ·7 | ·8 | ·6 | ·9 | ·5 | ·1 | — | — | — | 3·8 | A.M. dull, with frequent ▲ showers; |
| 29 | — | — | — | — | — | ·2 | — | — | ·2 | 1·0 | ·8 | 1·0 | ·6 | — | — | — | — | 1·9 | Cold squally day, with ● and ▲ showers. |
| | — | — | — | — | 2·0 | 5·9 | 6·3 | 8·3 | 11·8 | 11·1 | 10·8 | 11·6 | 5·5 | 0·3 | — | — | — | 73·6 | Total. |
| | — | — | — | 0·32 | 4·79 | 8·72 | 10·07 | 11·06 | 11·12 | 10·96 | 10·20 | 8·71 | 4·73 | 0·36 | — | — | — | 81·02 | Mean Total, 1881-1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. FEBRUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 45·5 | 44·9 | 44·9 | 44·2 | 43·2 | 42·9 | 42·9 | 42·8 | 43·0 | 43·8 | 44·9 | 45·8 | 46·0 | 46·0 | 45·5 | 45·3 | 44·3 | 44·2 | 43·0 | 43·7 | 43·8 | 44·0 | 42·9 | 41·4 | 41·2 | 44·0 |
| 2 | 41·2 | 41·1 | 41·1 | 41·6 | 41·0 | 41·1 | 41·7 | 42·1 | 42·9 | 42·8 | 43·3 | 44·0 | 44·6 | 45·2 | 46·2 | 46·9 | 47·0 | 47·0 | 46·9 | 46·8 | 46·9 | 46·9 | 46·3 | 46·1 | 46·1 | 44·3 |
| 3 | 46·1 | 46·2 | 46·3 | 46·3 | 46·3 | 46·2 | 46·3 | 45·4 | 45·0 | 46·1 | 47·1 | 48·0 | 47·3 | 47·7 | 46·2 | 46·0 | 45·0 | 45·0 | 45·0 | 45·1 | 45·0 | 44·8 | 44·1 | 43·8 | 43·9 | 45·8 |
| 4 | 43·9 | 43·2 | 43·0 | 43·0 | 42·8 | 42·2 | 41·9 | 41·9 | 41·5 | 42·4 | 42·7 | 44·0 | 44·1 | 44·3 | 44·2 | 43·9 | 42·7 | 42·0 | 40·7 | 39·7 | 39·0 | 38·2 | 37·2 | 37·8 | 37·3 | 41·8 |
| 5 | 37·3 | 36·5 | 36·2 | 37·7 | 37·9 | 38·6 | 39·0 | 39·9 | 39·3 | 40·8 | 41·8 | 43·9 | 44·6 | 45·3 | 45·3 | 45·1 | 44·9 | 44·2 | 43·0 | 43·9 | 43·8 | 44·1 | 44·0 | 43·8 | 43·3 | 41·8 |
| 6 | 43·3 | 44·0 | 44·9 | 45·7 | 45·2 | 46·0 | 45·8 | 46·0 | 46·2 | 46·9 | 47·3 | 48·6 | 49·5 | 50·4 | 49·4 | 48·1 | 47·6 | 47·6 | 46·7 | 46·2 | 46·0 | 45·8 | 45·8 | 45·8 | 45·6 | 46·7 |
| 7 | 45·6 | 45·8 | 46·0 | 46·1 | 46·2 | 46·8 | 47·0 | 47·2 | 47·4 | 48·0 | 48·3 | 49·2 | 49·9 | 50·9 | 50·8 | 50·2 | 49·4 | 49·0 | 48·3 | 48·0 | 47·5 | 47·9 | 47·5 | 47·0 | 47·0 | 47·9 |
| 8 | 47·0 | 46·8 | 46·4 | 46·0 | 45·9 | 45·3 | 45·4 | 45·0 | 45·2 | 45·3 | 45·0 | 45·1 | 45·8 | 46·0 | 45·2 | 45·2 | 45·1 | 45·1 | 44·7 | 45·0 | 45·2 | 45·7 | 45·7 | 45·8 | 45·7 | 45·5 |
| 9 | 45·7 | 45·7 | 45·3 | 45·8 | 45·3 | 45·4 | 45·4 | 45·3 | 45·4 | 45·9 | 46·4 | 46·9 | 47·0 | 47·7 | 47·2 | 46·9 | 46·7 | 46·3 | 45·3 | 45·6 | 45·0 | 45·1 | 44·7 | 43·8 | 42·4 | 45·8 |
| 10 | 42·4 | 42·2 | 42·8 | 42·8 | 42·0 | 42·2 | 42·0 | 42·0 | 41·6 | 43·0 | 45·2 | 47·1 | 47·7 | 49·0 | 47·0 | 46·7 | 46·8 | 46·1 | 46·1 | 45·9 | 45·1 | 45·0 | 45·2 | 44·8 | 44·8 | 44·7 |
| 11 | 44·8 | 44·3 | 44·1 | 44·0 | 44·3 | 44·3 | 44·1 | 44·4 | 44·0 | 44·8 | 46·1 | 47·8 | 48·5 | 49·3 | 49·3 | 49·0 | 49·0 | 47·8 | 47·2 | 45·7 | 46·0 | 45·0 | 44·2 | 43·0 | 41·4 | 45·6 |
| 12 | 41·4 | 43·7 | 43·3 | 44·0 | 44·0 | 44·0 | 44·0 | 43·9 | 44·0 | 44·7 | 45·1 | 46·0 | 46·2 | 46·5 | 46·3 | 46·1 | 45·7 | 45·3 | 45·3 | 45·0 | 45·0 | 45·4 | 45·7 | 45·0 | 44·0 | 44·9 |
| 13 | 44·0 | 43·9 | 44·3 | 44·8 | 46·0 | 46·1 | 46·2 | 46·3 | 46·1 | 47·0 | 48·4 | 48·5 | 49·7 | 51·2 | 51·2 | 52·3 | 51·4 | 50·0 | 48·4 | 48·4 | 49·3 | 48·5 | 48·3 | 48·0 | 47·9 | 47·9 |
| 14 | 47·9 | 47·0 | 47·8 | 47·0 | 46·5 | 47·0 | 45·3 | 44·0 | 44·1 | 46·0 | 47·8 | 49·1 | 48·0 | 49·3 | 48·7 | 49·0 | 48·2 | 46·8 | 44·4 | 44·0 | 44·3 | 46·2 | 47·3 | 47·3 | 47·5 | 46·8 |
| 15 | 47·5 | 48·0 | 48·3 | 48·5 | 48·4 | 47·9 | 47·7 | 47·1 | 47·3 | 48·0 | 48·2 | 48·5 | 49·3 | 50·1 | 50·8 | 49·1 | 48·0 | 47·0 | 45·8 | 44·3 | 43·0 | 43·2 | 42·3 | 42·3 | 41·0 | 47·0 |
| 16 | 41·0 | 41·8 | 41·1 | 41·6 | 42·1 | 41·1 | 41·1 | 41·4 | 41·1 | 42·0 | 44·7 | 46·2 | 47·4 | 48·0 | 47·7 | 48·0 | 47·5 | 46·7 | 46·0 | 46·1 | 46·7 | 47·0 | 48·2 | 49·8 | 50·0 | 45·0 |
| 17 | 50·0 | 50·1 | 50·2 | 50·3 | 50·3 | 50·1 | 50·3 | 50·1 | 50·5 | 51·0 | 49·6 | 49·2 | 48·7 | 48·4 | 48·6 | 49·1 | 49·0 | 48·8 | 48·1 | 49·0 | 48·9 | 48·3 | 48·0 | 47·5 | 47·2 | 49·3 |
| 18 | 47·2 | 46·2 | 46·1 | 46·0 | 46·2 | 47·0 | 47·5 | 47·7 | 48·0 | 48·7 | 49·2 | 50·0 | 51·0 | 51·5 | 51·9 | 51·0 | 50·3 | 49·9 | 49·0 | 48·3 | 47·9 | 47·9 | 47·3 | 47·7 | 47·3 | 48·5 |
| 19 | 47·3 | 48·1 | 48·1 | 48·2 | 47·9 | 48·2 | 48·4 | 49·0 | 49·3 | 49·8 | 49·9 | 50·9 | 52·1 | 53·0 | 52·0 | 51·9 | 51·3 | 50·2 | 49·7 | 49·7 | 49·1 | 49·7 | 49·5 | 49·2 | 49·1 | 49·7 |
| 20 | 49·1 | 48·9 | 49·0 | 49·0 | 49·0 | 48·1 | 48·3 | 48·1 | 47·8 | 47·2 | 47·7 | 49·8 | 49·8 | 51·1 | 48·9 | 49·4 | 48·4 | 48·0 | 47·3 | 48·0 | 48·5 | 48·9 | 48·7 | 48·8 | 48·1 | 48·6 |
| 21 | 48·1 | 48·1 | 48·0 | 48·1 | 47·8 | 46·9 | 47·0 | 47·0 | 46·2 | 47·0 | 48·2 | 48·5 | 49·3 | 50·0 | 51·1 | 51·1 | 50·0 | 49·0 | 48·1 | 47·8 | 47·0 | 46·8 | 47·0 | 46·9 | 46·4 | 48·1 |
| 22 | 46·4 | 46·8 | 46·8 | 47·0 | 47·0 | 47·1 | 47·8 | 48·2 | 49·0 | 49·3 | 50·0 | 50·3 | 50·3 | 50·0 | 49·9 | 51·0 | 52·1 | 51·2 | 49·3 | 48·0 | 47·3 | 46·7 | 47·1 | 47·2 | 47·0 | 48·5 |
| 23 | 47·0 | 46·9 | 46·9 | 47·0 | 46·4 | 44·9 | 44·8 | 45·5 | 45·9 | 46·4 | 46·0 | 46·9 | 47·0 | 47·3 | 47·3 | 47·2 | 47·3 | 46·0 | 45·4 | 45·4 | 45·0 | 44·8 | 44·3 | 44·5 | 44·9 | 46·0 |
| 24 | 44·9 | 44·0 | 43·9 | 44·3 | 41·1 | 42·8 | 41·0 | 40·3 | 41·0 | 43·0 | 43·4 | 44·2 | 45·0 | 45·0 | 45·4 | 46·1 | 45·7 | 45·4 | 45·4 | 45·5 | 45·3 | 45·0 | 44·4 | 44·1 | 44·0 | 44·0 |
| 25 | 44·0 | 43·9 | 43·5 | 43·3 | 43·5 | 43·8 | 44·0 | 44·7 | 43·8 | 44·7 | 45·4 | 47·7 | 48·5 | 50·1 | 49·3 | 49·2 | 48·3 | 48·0 | 47·0 | 47·0 | 46·0 | 45·8 | 44·9 | 44·7 | 44·2 | 45·9 |
| 26 | 44·2 | 44·0 | 43·8 | 43·9 | 43·3 | 43·3 | 43·0 | 42·5 | 43·2 | 43·1 | 43·7 | 46·1 | 47·0 | 47·9 | 47·0 | 47·0 | 48·3 | 48·8 | 48·7 | 48·6 | 48·2 | 48·0 | 47·2 | 46·0 | 44·8 | 45·9 |
| 27 | 44·8 | 44·2 | 44·0 | 45·0 | 45·1 | 45·1 | 45·4 | 45·6 | 45·6 | 46·3 | 46·9 | 46·3 | 48·0 | 46·0 | 46·0 | 46·8 | 47·0 | 45·5 | 44·4 | 44·4 | 43·9 | 43·7 | 43·3 | 41·7 | 42·4 | 45·1 |
| 28 | 42·4 | 39·1 | 42·0 | 43·0 | 42·0 | 42·0 | 42·0 | 43·1 | 40·0 | 42·8 | 42·9 | 39·1 | 42·0 | 42·0 | 43·2 | 42·0 | 43·0 | 42·1 | 41·8 | 42·2 | 42·4 | 41·0 | 39·3 | 40·1 | 40·0 | 41·7 |
| 29 | 40·0 | 39·0 | 37·2 | 38·0 | 38·3 | 39·0 | 38·9 | 40·0 | 40·9 | 41·9 | 41·3 | 42·4 | 43·1 | 43·3 | 41·3 | 40·6 | 42·0 | 40·3 | 40·8 | 41·0 | 41·0 | 40·3 | 39·7 | 40·1 | 40·0 | 40·4 |
| Mean ... | 44·8 | 44·6 | 44·7 | 44·9 | 44·7 | 44·7 | 44·6 | 44·7 | 44·6 | 45·4 | 46·1 | 46·9 | 47·5 | 48·1 | 47·7 | 47·6 | 47·3 | 46·6 | 45·9 | 45·8 | 45·6 | 45·5 | 45·2 | 45·0 | 44·6 | 45·8 |
| Mean, 1871–1905. | 43·0 | 43·0 | 42·8 | 42·7 | 42·6 | 42·6 | 42·4 | 42·4 | 42·5 | 43·2 | 44·1 | 45·1 | 45·5 | 45·9 | 45·9 | 45·8 | 45·4 | 44·8 | 44·1 | 43·7 | 43·4 | 43·3 | 43·2 | 43·1 | 42·9 | 43·7 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). FEBRUARY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 76 | 73 | 71 | 70 | 72 | 72 | 71 | 70 | 72 | 70 | 68 | 67 | 67 | 68 | 68 | 66 | 69 | 70 | 78 | 73 | 73 | 71 | 80 | 84 | 82 | 71·8 |
| 2 | 82 | 83 | 84 | 84 | 86 | 91 | 88 | 85 | 85 | 89 | 92 | 91 | 94 | 95 | 93 | 92 | 92 | 91 | 90 | 88 | 90 | 91 | 92 | 93 | 93 | 89·4 |
| 3 | 93 | 93 | 92 | 91 | 91 | 92 | 90 | 90 | 92 | 92 | 92 | 94 | 93 | 76 | 66 | 62 | 63 | 62 | 66 | 65 | 68 | 71 | 72 | 69 | 79 | 79·9 |
| 4 | 69 | 70 | 71 | 66 | 68 | 70 | 67 | 72 | 74 | 74 | 72 | 66 | 64 | 63 | 59 | 64 | 70 | 67 | 70 | 73 | 71 | 73 | 76 | 70 | 75 | 69·2 |
| 5 | 75 | 78 | 82 | 79 | 79 | 80 | 84 | 83 | 88 | 82 | 82 | 73 | 73 | 72 | 70 | 73 | 73 | 83 | 86 | 80 | 80 | 79 | 79 | 78 | 82 | 79·0 |
| 6 | 82 | 82 | 85 | 87 | 90 | 91 | 94 | 93 | 98 | 95 | 97 | 95 | 90 | 90 | 89 | 89 | 88 | 95 | 97 | 92 | 87 | 89 | 93 | 94 | 96 | 90·6 |
| 7 | 96 | 95 | 95 | 98 | 98 | 95 | 94 | 95 | 96 | 95 | 97 | 96 | 91 | 85 | 82 | 84 | 85 | 85 | 88 | 86 | 87 | 80 | 76 | 79 | 72 | 89·4 |
| 8 | 72 | 74 | 77 | 78 | 77 | 82 | 77 | 78 | 77 | 78 | 77 | 80 | 79 | 80 | 79 | 82 | 81 | 80 | 79 | 77 | 74 | 75 | 82 | 85 | 78·3 | |
| 9 | 85 | 81 | 82 | 73 | 74 | 75 | 76 | 77 | 76 | 79 | 75 | 73 | 72 | 70 | 73 | 74 | 70 | 72 | 76 | 81 | 78 | 76 | 80 | 86 | 92 | 76·5 |
| 10 | 92 | 91 | 89 | 92 | 96 | 97 | 95 | 94 | 97 | 87 | 84 | 82 | 78 | 88 | 88 | 83 | 92 | 91 | 91 | 89 | 90 | 91 | 92 | 92 | 93 | 90·0 |
| 11 | 93 | 94 | 94 | 94 | 92 | 92 | 91 | 89 | 92 | 90 | 89 | 80 | 82 | 84 | 87 | 85 | 75 | 79 | 86 | 88 | 85 | 78 | 81 | 86 | 91 | 86·9 |
| 12 | 91 | 88 | 85 | 84 | 82 | 81 | 83 | 85 | 84 | 82 | 81 | 79 | 78 | 77 | 77 | 78 | 75 | 82 | 84 | 85 | 85 | 89 | 90 | 92 | 93 | 83·2 |
| 13 | 93 | 93 | 97 | 94 | 93 | 93 | 93 | 94 | 94 | 93 | 91 | 90 | 88 | 90 | 90 | 80 | 84 | 88 | 92 | 94 | 93 | 95 | 94 | 93 | 95 | 91·7 |
| 14 | 95 | 97 | 94 | 91 | 94 | 92 | 90 | 91 | 90 | 87 | 81 | 77 | 79 | 72 | 71 | 68 | 72 | 75 | 84 | 84 | 89 | 92 | 91 | 90 | 87 | 85·0 |
| 15 | 87 | 86 | 85 | 88 | 89 | 94 | 94 | 92 | 92 | 94 | 94 | 95 | 96 | 95 | 94 | 90 | 87 | 86 | 80 | 75 | 78 | 77 | 76 | 74 | 76 | 87·2 |
| 16 | 76 | 79 | 83 | 81 | 78 | 80 | 80 | 82 | 83 | 83 | 79 | 75 | 69 | 71 | 70 | 71 | 76 | 81 | 86 | 87 | 89 | 94 | 98 | 94 | 95 | 81·5 |
| 17 | 95 | 97 | 97 | 97 | 97 | 98 | 97 | 97 | 95 | 94 | 91 | 93 | 88 | 91 | 93 | 89 | 88 | 84 | 85 | 85 | 87 | 79 | 74 | 72 | 84 | 89·5 |
| 18 | 84 | 82 | 79 | 79 | 85 | 85 | 84 | 88 | 90 | 92 | 93 | 92 | 86 | 79 | 75 | 72 | 72 | 75 | 79 | 76 | 76 | 75 | 79 | 81 | 83 | 81·5 |
| 19 | 83 | 80 | 84 | 89 | 93 | 93 | 93 | 92 | 90 | 87 | 87 | 87 | 83 | 81 | 84 | 84 | 85 | 91 | 89 | 88 | 89 | 88 | 88 | 91 | 89 | 87·6 |
| 20 | 89 | 87 | 86 | 87 | 92 | 93 | 93 | 93 | 94 | 95 | 92 | 87 | 87 | 85 | 88 | 90 | 90 | 92 | 95 | 93 | 95 | 88 | 89 | 88 | 87 | 90·3 |
| 21 | 87 | 90 | 91 | 88 | 87 | 94 | 93 | 94 | 93 | 92 | 92 | 92 | 92 | 93 | 81 | 79 | 79 | 80 | 78 | 80 | 79 | 84 | 89 | 81 | 83 | 86·5 |
| 22 | 83 | 81 | 80 | 83 | 85 | 85 | 87 | 87 | 86 | 85 | 85 | 83 | 81 | 85 | 89 | 86 | 80 | 79 | 78 | 73 | 72 | 74 | 68 | 71 | 67 | 80·7 |
| 23 | 67 | 67 | 68 | 71 | 75 | 85 | 85 | 85 | 83 | 81 | 83 | 90 | 88 | 93 | 91 | 92 | 84 | 86 | 85 | 80 | 78 | 73 | 69 | 70 | 73 | 80·8 |
| 24 | 73 | 70 | 70 | 75 | 83 | 73 | 84 | 82 | 81 | 65 | 63 | 63 | 62 | 64 | 65 | 62 | 64 | 66 | 67 | 68 | 70 | 71 | 71 | 70 | 71 | 70·0 |
| 25 | 71 | 72 | 73 | 74 | 73 | 71 | 72 | 77 | 88 | 89 | 96 | 94 | 93 | 86 | 75 | 72 | 71 | 71 | 69 | 72 | 74 | 70 | 72 | 73 | 72 | 77·0 |
| 26 | 72 | 75 | 73 | 74 | 76 | 77 | 77 | 77 | 82 | 81 | 73 | 73 | 74 | 79 | 82 | 93 | 92 | 93 | 94 | 96 | 94 | 92 | 87 | 80 | 79 | 82·1 |
| 27 | 79 | 75 | 72 | 75 | 76 | 75 | 71 | 76 | 79 | 85 | 85 | 85 | 91 | 72 | 73 | 60 | 72 | 63 | 66 | 71 | 69 | 65 | 77 | 82 | 75 | 75·9 |
| 28 | 75 | 90 | 81 | 77 | 81 | 83 | 84 | 79 | 85 | 85 | 85 | 91 | 72 | 73 | 60 | 72 | 63 | 66 | 71 | 70 | 71 | 69 | 67 | 68 | 66 | 76·5 |
| 29 | 66 | 70 | 74 | 66 | 65 | 60 | 70 | 65 | 65 | 71 | 75 | 70 | 64 | 64 | 73 | 78 | 72 | 76 | 71 | 70 | 71 | 69 | 67 | 68 | 68 | 69·2 |
| Mean ... | 82·1 | 82·5 | 82·6 | 82·2 | 83·7 | 84·4 | 84·7 | 84·7 | 85·9 | 85·3 | 84·7 | 82·6 | 81·2 | 79·7 | 79·0 | 78·7 | 78·1 | 79·9 | 81·3 | 80·8 | 80·7 | 80·4 | 80·7 | 81·4 | 81·8 | 82·0 |
| Mean, 1886–1905. | 84·3 | 84·1 | 84·0 | 84·2 | 84·2 | 84·4 | 84·4 | 84·4 | 84·3 | 83·6 | 81·8 | 79·8 | 78·4 | 77·6 | 77·4 | 77·8 | 78·5 | 80·3 | 81·9 | 82·7 | 83·4 | 84·0 | 84·0 | 84·3 | 84·4 | 82·2 |

[*Price Sixpence.*]

# KEW OBSERVATORY. FEBRUARY, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. FEBRUARY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | **53·5** | ° | | ins. | ins. | ° | ° |
| 1 | 0·167 | 9·794 | 43·6 | 35·0 | 9 | 0·463 | 0·388 | 48·3 | 38·0 | 17 | 0·137 | 9·431 | | 38·2 | 25 | 9·962 | 9·745 | 47·4 | 39·0 |
| 2 | 0·358 | 0·168 | 42·0 | **30·9** | 10 | 0·566 | 0·434 | 49·5 | 37·3 | 18 | 9·812 | 9·546 | 52·6 | 43·6 | 26 | 0·105 | 9·814 | 47·9 | 37·4 |
| 3 | 0·330 | 0·043 | 45·5 | 33·1 | 11 | 0·567 | 0·494 | 49·1 | 34·7 | 19 | 9·907 | 9·812 | 52·4 | 41·3 | 27 | 9·828 | 9·582 | 47·0 | 37·5 |
| 4 | 0·573 | 0·175 | 42·9 | 35·7 | 12 | 0·507 | 0·340 | 49·7 | 37·3 | 20 | 9·969 | 9·896 | 51·7 | 43·6 | 28 | 9·588 | 9·120 | 43·1 | 33·7 |
| 5 | 0·643 | 0·573 | 43·4 | 32·5 | 13 | 0·340 | 0·140 | 45·0 | 31·3 | 21 | 9·939 | 9·817 | 52·1 | 44·0 | 29 | 9·287 | **9·059** | 41·0 | 32·0 |
| 6 | **0·714** | 0·594 | 50·3 | 35·8 | 14 | 0·320 | 0·121 | 50·6 | 38·9 | 22 | 9·898 | 9·446 | 50·6 | 42·8 | | | | | |
| 7 | 0·711 | 0·573 | 48·1 | 35·4 | 15 | 0·296 | 0·827 | 49·5 | 38·0 | 23 | 9·754 | 9·662 | 49·1 | 40·0 | | | | | |
| 8 | 0·573 | 0·387 | 47·0 | 37·0 | 16 | 0·215 | 0·051 | 47·8 | 34·4 | 24 | 9·854 | 9·616 | 46·1 | 36·9 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 47·8 | 37·1 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. FEBRUARY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·794 | 9·820 | 9·823 | 9·837 | 9·840 | 9·842 | 9·844 | 9·850 | 9·870 | 9·881 | 9·905 | 9·921 | 9·923 | 9·927 | 9·933 | 9·950 | 9·989 | 0·023 | 0·049 | 0·066 | 0·086 | 0·102 | 0·124 | 0·143 | 0·167 | 9·947 |
| 2 | 0·167 | 0·175 | 0·189 | 0·203 | 0·210 | 0·216 | 0·227 | 0·243 | 0·271 | 0·289 | 0·304 | 0·304 | 0·306 | 0·301 | 0·304 | 0·305 | 0·320 | 0·336 | 0·348 | 0·352 | 0·356 | 0·351 | 0·347 | 0·338 | 0·330 | 0·285 |
| 3 | 0·330 | 0·322 | 0·309 | 0·288 | 0·274 | 0·257 | 0·235 | 0·204 | 0·192 | 0·171 | 0·165 | 0·130 | 0·099 | 0·057 | 0·052 | 0·063 | 0·076 | 0·083 | 0·095 | 0·106 | 0·109 | 0·131 | 0·138 | 0·159 | 0·175 | 0·165 |
| 4 | 0·175 | 0·188 | 0·207 | 0·223 | 0·242 | 0·267 | 0·282 | 0·311 | 0·355 | 0·379 | 0·404 | 0·430 | 0·442 | 0·438 | 0·443 | 0·454 | 0·466 | 0·477 | 0·500 | 0·507 | 0·523 | 0·543 | 0·556 | 0·558 | 0·573 | 0·399 |
| 5 | 0·573 | 0·586 | 0·593 | 0·597 | 0·607 | 0·621 | 0·619 | 0·627 | 0·639 | 0·640 | 0·632 | 0·636 | 0·629 | 0·630 | 0·617 | 0·606 | 0·594 | 0·603 | 0·600 | 0·599 | 0·603 | 0·609 | 0·604 | 0·601 | 0·601 | 0·612 |
| 6 | 0·601 | 0·598 | 0·596 | 0·601 | 0·597 | 0·603 | 0·607 | 0·629 | 0·651 | 0·669 | 0·670 | 0·684 | 0·676 | 0·666 | 0·659 | 0·651 | 0·651 | 0·681 | 0·687 | 0·696 | 0·689 | 0·699 | 0·712 | 0·696 | 0·700 | 0·655 |
| 7 | 0·700 | 0·699 | 0·703 | 0·707 | 0·703 | 0·695 | 0·690 | 0·689 | 0·685 | 0·694 | 0·695 | 0·695 | 0·676 | 0·645 | 0·629 | 0·615 | 0·610 | 0·613 | 0·607 | 0·601 | 0·600 | 0·596 | 0·591 | 0·584 | 0·573 | 0·652 |
| 8 | 0·573 | 0·555 | 0·539 | 0·513 | 0·504 | 0·493 | 0·481 | 0·463 | 0·461 | 0·456 | 0·451 | 0·444 | 0·437 | 0·423 | 0·413 | 0·407 | 0·398 | 0·395 | 0·397 | 0·399 | 0·404 | 0·408 | 0·402 | 0·395 | 0·399 | 0·447 |
| 9 | 0·399 | 0·399 | 0·398 | 0·391 | 0·388 | 0·395 | 0·401 | 0·407 | 0·417 | 0·429 | 0·444 | 0·461 | 0·459 | 0·454 | 0·448 | 0·444 | 0·442 | 0·439 | 0·441 | 0·452 | 0·454 | 0·450 | 0·461 | 0·460 | 0·456 | 0·432 |
| 10 | 0·456 | 0·454 | 0·444 | 0·439 | 0·437 | 0·438 | 0·438 | 0·454 | 0·457 | 0·474 | 0·489 | 0·494 | 0·479 | 0·480 | 0·477 | 0·476 | 0·480 | 0·494 | 0·504 | 0·514 | 0·528 | 0·527 | 0·543 | 0·544 | 0·566 | 0·482 |
| 11 | 0·566 | 0·554 | 0·550 | 0·544 | 0·542 | 0·545 | 0·542 | 0·544 | 0·556 | 0·558 | 0·565 | 0·559 | 0·544 | 0·525 | 0·512 | 0·504 | 0·496 | 0·499 | 0·505 | 0·509 | 0·511 | 0·512 | 0·516 | 0·515 | 0·507 | 0·531 |
| 12 | 0·507 | 0·497 | 0·491 | 0·489 | 0·486 | 0·489 | 0·480 | 0·479 | 0·485 | 0·482 | 0·479 | 0·485 | 0·469 | 0·455 | 0·435 | 0·419 | 0·409 | 0·397 | 0·394 | 0·389 | 0·380 | 0·379 | 0·369 | 0·351 | 0·340 | 0·442 |
| 13 | 0·340 | 0·327 | 0·321 | 0·301 | 0·293 | 0·276 | 0·256 | 0·246 | 0·237 | 0·237 | 0·230 | 0·227 | 0·193 | 0·173 | 0·150 | 0·147 | 0·151 | 0·150 | 0·157 | 0·153 | 0·149 | 0·147 | 0·151 | 0·143 | 0·143 | 0·211 |
| 14 | 0·143 | 0·141 | 0·135 | 0·123 | 0·125 | 0·130 | 0·143 | 0·151 | 0·165 | 0·169 | 0·188 | 0·202 | 0·199 | 0·198 | 0·202 | 0·221 | 0·237 | 0·257 | 0·286 | 0·299 | 0·307 | 0·312 | 0·320 | 0·308 | 0·296 | 0·210 |
| 15 | 0·296 | 0·276 | 0·262 | 0·235 | 0·206 | 0·186 | 0·167 | 0·140 | 0·124 | 0·097 | 0·070 | 0·047 | 9·996 | 9·951 | 9·891 | 9·850 | 9·829 | 9·829 | 9·917 | 9·955 | 9·979 | 0·001 | 0·021 | 0·033 | 0·051 | 0·051 |
| 16 | 0·051 | 0·059 | 0·055 | 0·053 | 0·061 | 0·075 | 0·073 | 0·080 | 0·100 | 0·105 | 0·126 | 0·125 | 0·148 | 0·153 | 0·151 | 0·159 | 0·169 | 0·181 | 0·196 | 0·205 | 0·208 | 0·204 | 0·197 | 0·175 | 0·137 | 0·131 |
| 17 | 0·137 | 0·107 | 0·047 | 9·986 | 9·966 | 9·838 | 9·761 | 9·689 | 9·633 | 9·588 | 9·550 | 9·520 | 9·486 | 9·452 | 9·438 | 9·440 | 9·454 | 9·482 | 9·501 | 9·522 | 9·557 | 9·595 | 9·621 | 9·643 | 9·665 | 9·555 |
| 18 | 9·665 | 9·683 | 9·702 | 9·706 | 9·708 | 9·707 | 9·699 | 9·683 | 9·666 | 9·626 | 9·599 | 9·569 | 9·564 | 9·557 | 9·583 | 9·593 | 9·613 | 9·639 | 9·676 | 9·702 | 9·739 | 9·755 | 9·778 | 9·783 | 9·812 | 9·670 |
| 19 | 9·812 | 9·822 | 9·823 | 9·820 | 9·839 | 9·836 | 9·830 | 9·848 | 9·847 | 9·836 | 9·843 | 9·853 | 9·852 | 9·837 | 9·823 | 9·837 | 9·849 | 9·850 | 9·866 | 9·869 | 9·879 | 9·886 | 9·904 | 9·899 | 9·901 | 9·850 |
| 20 | 9·901 | 9·899 | 9·899 | 9·900 | 9·913 | 9·929 | 9·939 | 9·947 | 9·963 | 9·966 | 9·969 | 9·966 | 9·946 | 9·936 | 9·926 | 9·913 | 9·911 | 9·908 | 9·911 | 9·921 | 9·927 | 9·928 | 9·930 | 9·925 | 9·922 | 9·928 |
| 21 | 9·922 | 9·935 | 9·930 | 9·927 | 9·921 | 9·915 | 9·923 | 9·919 | 9·913 | 9·910 | 9·897 | 9·896 | 9·883 | 9·861 | 9·834 | 9·829 | 9·825 | 9·837 | 9·838 | 9·858 | 9·872 | 9·875 | 9·883 | 9·884 | 9·880 | 9·886 |
| 22 | 9·880 | 9·878 | 9·881 | 9·886 | 9·894 | 9·893 | 9·884 | 9·879 | 9·870 | 9·848 | 9·801 | 9·753 | 9·705 | 9·633 | 9·571 | 9·511 | 9·451 | 9·463 | 9·511 | 9·563 | 9·595 | 9·625 | 9·666 | 9·669 | 9·672 | 9·717 |
| 23 | 9·677 | 9·694 | 9·703 | 9·706 | 9·721 | 9·729 | 9·734 | 9·735 | 9·747 | 9·742 | 9·740 | 9·739 | 9·737 | 9·721 | 9·694 | 9·674 | 9·671 | 9·671 | 9·670 | 9·673 | 9·674 | 9·687 | 9·699 | 9·691 | 9·671 | 9·705 |
| 24 | 9·671 | 9·667 | 9·654 | 9·633 | 9·626 | 9·621 | 9·629 | 9·630 | 9·643 | 9·641 | 9·645 | 9·637 | 9·625 | 9·624 | 9·637 | 9·650 | 9·657 | 9·690 | 9·732 | 9·761 | 9·781 | 9·807 | 9·825 | 9·841 | 9·854 | 9·684 |
| 25 | 9·854 | 9·860 | 9·879 | 9·883 | 9·894 | 9·902 | 9·912 | 9·919 | 9·917 | 9·909 | 9·912 | 9·903 | 9·865 | 9·824 | 9·810 | 9·787 | 9·758 | 9·757 | 9·773 | 9·825 | 9·862 | 9·890 | 9·922 | 9·949 | 9·962 | 9·868 |
| 26 | 9·962 | 9·977 | 9·996 | 0·018 | 0·043 | 0·061 | 0·069 | 0·083 | 0·090 | 0·101 | 0·093 | 0·087 | 0·042 | 0·004 | 9·959 | 9·946 | 9·916 | 9·884 | 9·854 | 9·842 | 9·827 | 9·821 | 9·822 | 9·820 | 9·816 | 9·969 |
| 27 | 9·816 | 9·819 | 9·820 | 9·810 | 9·804 | 9·798 | 9·784 | 9·782 | 9·766 | 9·764 | 9·744 | 9·729 | 9·710 | 9·682 | 9·651 | 9·634 | 9·614 | 9·613 | 9·610 | 9·623 | 9·627 | 9·618 | 9·614 | 9·593 | 9·588 | 9·705 |
| 28 | 9·588 | 9·573 | 9·554 | 9·518 | 9·499 | 9·474 | 9·422 | 9·384 | 9·318 | 9·281 | 9·259 | 9·219 | 9·214 | 9·181 | 9·178 | 9·180 | 9·177 | 9·174 | 9·181 | 9·189 | 9·193 | 9·186 | 9·169 | 9·151 | 9·120 | 9·293 |
| 29 | 9·120 | 9·091 | 9·073 | 9·065 | 9·067 | 9·093 | 9·151 | 9·169 | 9·189 | 9·204 | 9·207 | 9·214 | 9·211 | 9·210 | 9·218 | 9·250 | 9·257 | 9·259 | 9·284 | 9·287 | 9·283 | 

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 27 | 18 | 27 | 14 | 27 | 13 | 28 | 12 | 28 | 10 | 27 | 7 | 26 | 9 | 26 | 10 | 26 | 14 | 28 | 12 | 29 | 15 | 30 | 18 |
| 2 | 29 | 7 | 29 | 6 | 29 | 7 | 29 | 7 | 29 | 8 | 29 | 7 | 29 | 7 | 29 | 7 | 29 | 7 | 30 | 7 | 31 | 12 | 31 | 11 |
| 3 | 32 | 4 | — | 2 | — | 2 | — | 2 | 23 | 4 | 20 | 4 | 20 | 5 | 20 | 7 | 20 | 7 | 20 | 7 | 20 | 7 | 21 | 7 |
| 4 | 30 | 12 | 30 | 12 | 31 | 13 | 31 | 14 | 31 | 14 | 31 | 14 | 31 | 14 | 32 | 13 | 31 | 11 | 31 | 13 | 31 | 14 | 31 | 10 |
| 5 | 32 | 8 | 32 | 6 | 32 | 4 | — | 3 | — | 2 | 32 | 4 | — | 3 | — | 1 | — | 2 | 30 | 5 | — | 3 | 30 | 4 |
| 6 | — | 3 | 21 | 4 | 21 | 4 | 21 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 4 |
| 7 | — | 2 | 20 | 4 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | 20 | 4 | 20 | 4 | 20 | 4 |
| 8 | 24 | 4 | 24 | 4 | 24 | 5 | 24 | 6 | 24 | 5 | 24 | 4 | 21 | 6 | 21 | 4 | 21 | 7 | 21 | 7 | 25 | 10 | 24 | 8 |
| 9 | 25 | 4 | 25 | 4 | 25 | 4 | 25 | 4 | — | 3 | — | 2 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | 29 | 9 | 28 | 8 |
| 10 | — | 2 | 27 | 4 | 27 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | -- | 2 | — | 1 | — | 3 | 27 | 4 |
| 11 | — | 3 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 25 | 4 | 21 | 5 | 21 | 6 | 18 | 4 | 18 | 3 |
| 12 | 20 | 6 | 20 | 5 | 20 | 4 | — | 1 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | 16 | 4 | 17 | 6 | 17 | 6 |
| 13 | — | 3 | 10 | 4 | 10 | 4 | — | 3 | 10 | 4 | 10 | 4 | — | 3 | 10 | 4 | 10 | 5 | 10 | 7 | 10 | 4 | 10 | 4 |
| 14 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 19 | 4 | — | 3 | 20 | 4 | 20 | 4 | 22 | 7 | 22 | 7 | 20 | 7 |
| 15 | 19 | 14 | 19 | 12 | 19 | 12 | 19 | 14 | 19 | 16 | 19 | 17 | 19 | 16 | 18 | 18 | 19 | 18 | 20 | 21 | 19 | 19 | 19 | 22 |
| 16 | 23 | 7 | 22 | 9 | 21 | 7 | — | 3 | 22 | 5 | 22 | 7 | 21 | 8 | 21 | 7 | 22 | 7 | 25 | 8 | 24 | 13 | 26 | 15 |
| 17 | 21 | 4 | 16 | 7 | 16 | 10 | 15 | 12 | 15 | 13 | 15 | 16 | 15 | 14 | 16 | 12 | 17 | 14 | 18 | 13 | 18 | 15 | 19 | 11 |
| 18 | 28 | 15 | 28 | 15 | 27 | 12 | 26 | 8 | 24 | 10 | 24 | 13 | 22 | 11 | 21 | 13 | 20 | 15 | 22 | 15 | 23 | 16 | 25 | 14 |
| 19 | 26 | 10 | 25 | 7 | 25 | 7 | 25 | 7 | 24 | 6 | 24 | 5 | 24 | 5 | 24 | 4 | 25 | 10 | 24 | 10 | 26 | 14 | 26 | 13 |
| 20 | 23 | 6 | 23 | 4 | 23 | 7 | 23 | 6 | 23 | 4 | 23 | 4 | 23 | 4 | 23 | 5 | 23 | 5 | 22 | 5 | 19 | 5 | 21 | 5 |
| 21 | 21 | 5 | 22 | 6 | 20 | 6 | 20 | 5 | 20 | 7 | 22 | 10 | 22 | 7 | 22 | 6 | 20 | 7 | 18 | 10 | 21 | 12 | 22 | 14 |
| 22 | 21 | 10 | 21 | 10 | 21 | 11 | 22 | 10 | 20 | 10 | 21 | 10 | 20 | 10 | 18 | 13 | 19 | 14 | 19 | 16 | 19 | 23 | 20 | 23 |
| 23 | 23 | 18 | 23 | 18 | 23 | 15 | 22 | 12 | 23 | 12 | 22 | 8 | 19 | 6 | 19 | 8 | 21 | 10 | 22 | 11 | 23 | 12 | 22 | 16 |
| 24 | 25 | 14 | 24 | 12 | 24 | 15 | 24 | 17 | 24 | 16 | 24 | 14 | 24 | 13 | 25 | 12 | 25 | 18 | 25 | 18 | 25 | 20 | 26 | 20 |
| 25 | 28 | 10 | 28 | 7 | 27 | 10 | 28 | 9 | 28 | 8 | 27 | 7 | 27 | 7 | 27 | 7 | 26 | 8 | 26 | 10 | 24 | 10 | 25 | 12 |
| 26 | 29 | 11 | 30 | 11 | 29 | 10 | 27 | 10 | 27 | 8 | 29 | 7 | 28 | 6 | 28 | 6 | 26 | 7 | 26 | 7 | 24 | 10 | 24 | 8 |
| 27 | 25 | 8 | 25 | 8 | 25 | 7 | 23 | 7 | 23 | 7 | 22 | 8 | 20 | 7 | 21 | 10 | 21 | 12 | 23 | 15 | 24 | 15 | 23 | 15 |
| 28 | 22 | 8 | 22 | 10 | 22 | 11 | 21 | 11 | 20 | 13 | 20 | 14 | 21 | 13 | 20 | 18 | 21 | 17 | 23 | 14 | 23 | 12 | 24 | 13 |
| 29 | 21 | 11 | 22 | 11 | 22 | 7 | 24 | 8 | 30 | 12 | 28 | 12 | 28 | 10 | 27 | 8 | 24 | 10 | 26 | 11 | 26 | 14 | 28 | 15 |
| Mean ... | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 9 | — | 11 | — | 11 |
| Mean, 1881-1905. | — | 7·3 | — | 7·3 | — | 7·2 | — | 7·3 | — | 7·3 | — | 7·2 | — | 7·2 | — | 7·5 | — | 8·2 | — | 9·0 | — | 10·3 | — | 10·7 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. FEBRUARY, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | 02 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 07 | — | — | — | — | — | — | — | 09 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | 04 | 07 | 06 | 01 | 01 | 04 | 04 | 10 | 03 | — | — | — | — | 01 | 02 | — | — | — | — | — | — | — | 43 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 05 | 01 | — | — | — | — | 09 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 03 | — | — | — | — | — | — | — | 04 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 14 | — | — | — | — | — | — | — | — | 15 |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 12 | 04 | — | — | — | — | 16 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 05 | — | 01 | — | — | — | — | — | 08 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 | — | — | — | — | — | 04 |
| 28 | — | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | 05 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| Sum ... | — | — | 04 | 07 | 06 | 01 | 04 | 05 | 05 | 10 | 03 | 01 | — | 02 | 01 | 18 | 19 | 02 | 23 | 05 | — | — | 02 | — | 1·20 |
| Average 1871-1905. | ·075 | ·078 | ·068 | ·060 | ·072 | ·065 | ·065 | ·071 | ·070 | ·076 | ·062 | ·056 | ·066 | ·072 | ·061 | ·054 | ·064 | ·059 | ·056 | ·052 | ·058 | ·058 | ·054 | ·067 | 1·541 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. FEBRUARY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 30 | 16 | 30 | 15 | 30 | 15 | 31 | 14 | 31 | 11 | 30 | 11 | 29 | 10 | 29 | 11 | 28 | 11 | 29 | 10 | 29 | 12 | 30 | 10 | 12 | 1 |
| 32 | 10 | 32 | 10 | 32 | 9 | 32 | 6 | 32 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 32 | 4 | 6 | 2 |
| 21 | 9 | 27 | 11 | 28 | 12 | 28 | 15 | 28 | 10 | 27 | 10 | 27 | 11 | 28 | 13 | 28 | 10 | 29 | 12 | 29 | 12 | 30 | 12 | 8 | 3 |
| 31 | 13 | 31 | 13 | 31 | 12 | 30 | 12 | 31 | 11 | 31 | 10 | 30 | 10 | 32 | 11 | 2 | 9 | 32 | 10 | 31 | 10 | 32 | 9 | 12 | 4 |
| 24 | 5 | 27 | 6 | 28 | 6 | 28 | 6 | 27 | 6 | — | 3 | 21 | 4 | 21 | 4 | 21 | 4 | 21 | 6 | 21 | 4 | — | 3 | 4 | 5 |
| 21 | 4 | 22 | 7 | 23 | 5 | 24 | 5 | 24 | 4 | 24 | 4 | 24 | 5 | 24 | 5 | — | 2 | 24 | 4 | — | 3 | 20 | 4 | 4 | 6 |
| 20 | 4 | 24 | 4 | 24 | 4 | 24 | 5 | — | 3 | 24 | 4 | — | 2 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 4 | 7 |
| 27 | 10 | 28 | 9 | 27 | 10 | 27 | 6 | 27 | 4 | 25 | 5 | 25 | 4 | 25 | 4 | — | 3 | 25 | 6 | 25 | 5 | 25 | 4 | 6 | 8 |
| 27 | 6 | 30 | 7 | 27 | 4 | 27 | 4 | — | 3 | 27 | 4 | — | 3 | 27 | 4 | — | 3 | — | 2 | — | 3 | — | 3 | 4 | 9 |
| 27 | 4 | 27 | 4 | 27 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 18 | 4 | — | 2 | 3 | 10 |
| 19 | 10 | 19 | 10 | 20 | 9 | 20 | 8 | 20 | 7 | 20 | 5 | 20 | 6 | 20 | 7 | 20 | 6 | 20 | 5 | 20 | 4 | 20 | 5 | 5 | 11 |
| 17 | 8 | 16 | 10 | 16 | 8 | 16 | 5 | 16 | 4 | 16 | 4 | 16 | 4 | — | 3 | 10 | 4 | 10 | 4 | — | 3 | — | 3 | 4 | 12 |
| — | 2 | — | 3 | 22 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 22 | 4 | — | 3 | — | 2 | 3 | 13 |
| 23 | 9 | 23 | 10 | 23 | 10 | 23 | 7 | 25 | 7 | 25 | 5 | 20 | 7 | 20 | 7 | 20 | 7 | 20 | 6 | 20 | 7 | 20 | 9 | 6 | 14 |
| 19 | 22 | 19 | 23 | 20 | 21 | 19 | 16 | 21 | 15 | 31 | 11 | 31 | 4 | 25 | 4 | 22 | 5 | 22 | 9 | 24 | 10 | 24 | 8 | 14 | 15 |
| 27 | 15 | 25 | 12 | 25 | 12 | 25 | 11 | 26 | 4 | 22 | 4 | 23 | 6 | 21 | 5 | 21 | 4 | 21 | 4 | 21 | 4 | 21 | 4 | 8 | 16 |
| 20 | 13 | 22 | 10 | 22 | 10 | 22 | 12 | 23 | 10 | 24 | 10 | 25 | 12 | 27 | 12 | 27 | 12 | 26 | 10 | 26 | 12 | 27 | 18 | 12 | 17 |
| 27 | 22 | 27 | 21 | 26 | 24 | 26 | 20 | 26 | 17 | 27 | 14 | 27 | 15 | 27 | 15 | 27 | 12 | 26 | 10 | 25 | 11 | 26 | 10 | 15 | 18 |
| 26 | 12 | 28 | 13 | 27 | 12 | 26 | 11 | 26 | 11 | 27 | 8 | 26 | 7 | 26 | 4 | 26 | 4 | 26 | 7 | 24 | 7 | 24 | 7 | 8 | 19 |
| 21 | 6 | 22 | 6 | 20 | 7 | 21 | 7 | 24 | 7 | 22 | 10 | 21 | 5 | 21 | 6 | 22 | 7 | 21 | 7 | 24 | 5 | 24 | 6 | 6 | 20 |
| 20 | 14 | 21 | 13 | 20 | 11 | 22 | 15 | 22 | 15 | 22 | 12 | 22 | 15 | 23 | 12 | 23 | 11 | 23 | 12 | 23 | 11 | 22 | 10 | 10 | 21 |
| 19 | 24 | 19 | 25 | 20 | 25 | 20 | 26 | 22 | 24 | 24 | 22 | 24 | 18 | 23 | 21 | 23 | 18 | 24 | 19 | 23 | 16 | 23 | 17 | 17 | 22 |
| 23 | 12 | 22 | 10 | 22 | 10 | 28 | 8 | 25 | 7 | 25 | 8 | 25 | 9 | 23 | 7 | 23 | 7 | 24 | 7 | 22 | 9 | 22 | 12 | 10 | 23 |
| 26 | 23 | 26 | 18 | 27 | 16 | 27 | 16 | 28 | 13 | 27 | 12 | 27 | 14 | 28 | 16 | 28 | 12 | 28 | 14 | 28 | 12 | 28 | 10 | 15 | 24 |
| 24 | 12 | 24 | 12 | 25 | 12 | 26 | 17 | 28 | 18 | 28 | 20 | 32 | 19 | 31 | 12 | 30 | 11 | 29 | 12 | 29 | 15 | 30 | 14 | 12 | 25 |
| 22 | 12 | 22 | 12 | 22 | 12 | 22 | 10 | 20 | 12 | 21 | 11 | 21 | 10 | 21 | 9 | 22 | 6 | 22 | 4 | 22 | 4 | 24 | 8 | 9 | 26 |
| 23 | 15 | 23 | 16 | 23 | 14 | 23 | 15 | 23 | 12 | 24 | 13 | 24 | 11 | 25 | 6 | 25 | 6 | 23 | 7 | 23 | 8 | 23 | 10 | 11 | 27 |
| 24 | 17 | 26 | 21 | 26 | 17 | 25 | 21 | 24 | 12 | 23 | 13 | 26 | 10 | 25 | 7 | 22 | 8 | 21 | 10 | 21 | 9 | 21 | 10 | 13 | 28 |
| 29 | 15 | 28 | 14 | 30 | 12 | 28 | 12 | 28 | 13 | 29 | 14 | 29 | 8 | 27 | 7 | 25 | 9 | 26 | 11 | 27 | 14 | 30 | 12 | 11 | 29 |
| — | 12 | — | 12 | — | 11 | — | 11 | — | 9 | — | 9 | — | 8 | — | 8 | — | 7 | — | 8 | — | 8 | — | 8 | 8 | Mean, 1881-1905. |
| — | 10·9 | — | 10·7 | — | 10·4 | — | 9·8 | — | 8·9 | — | 8·4 | — | 8·3 | — | 8·1 | — | 8·1 | — | 7·7 | — | 7·5 | — | 7·3 | 8·4 | |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. FEBRUARY, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·3 | — | — | — | — | — | 6·4 | Fine day; ≋° in afternoon. |
| 2 | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·1 | — | — | — | — | 6·8 | Very fine throughout; ≋° at night. |
| 3 | — | — | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | 0·2 | A.M. dull, with ●°; finer later. |
| 4 | — | — | — | — | ·4 | 1·0 | 1·0 | ·7 | ·9 | ·1 | ·1 | — | — | — | — | — | -- | 4·2 | Fine to cloudy. |
| 5 | — | — | — | — | ·8 | 1·0 | 1·0 | ·8 | ·3 | — | — | — | — | — | — | — | — | 3·9 | Fine to overcast; ≋°. |
| 6 | — | — | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | — | 4·7 | Cloudy at first, then fine; ≋°. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, misty day. |
| 8 | — | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·7 | ·4 | — | — | — | — | — | 6·6 | Fine. |
| 9 | — | — | — | — | — | ·7 | ·1 | — | — | — | — | — | — | — | — | — | — | 0·8 | ≋°, fair to dull; ● about 22h. 30m. |
| 10 | — | — | — | — | ·1 | ·3 | 1·0 | 1·0 | 1·0 | ·7 | 1·0 | ·8 | — | — | — | — | — | 5·9 | Fine. |
| 11 | — | — | — | — | — | — | — | — | ·3 | — | — | — | — | — | — | — | — | 0·3 | Overcast and misty most of day. |
| 12 | — | — | — | — | — | ·9 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | — | 7·4 | Fine and bright all day; ≋° in evening. |
| 13 | — | — | — | — | — | — | — | ·1 | ·1 | — | ·1 | — | — | — | — | — | — | 0·3 | Fair, but a good deal of ≋. |
| 14 | — | — | — | — | — | — | ·5 | ·5 | — | ·7 | ·2 | ·1 | — | — | — | — | — | 2·0 | ●° about 7h.; cloudy day with bright intervals. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day; ●, 🌧 in afternoon. |
| 16 | — | — | — | — | ·8 | 1·0 | 1·0 | ·9 | ·9 | ·2 | — | ·4 | — | — | — | — | — | 5·2 | Fine and bright till about 12h.; cloudy later; |
| 17 | — | — | — | — | — | — | — | — | — | ·1 | ·3 | — | — | — | — | — | — | 0·4 | A.M. dull and wet; P.M. finer. [U at 19h. |
| 18 | — | — | — | — | — | — | — | — | ·2 | 1·0 | ·8 | ·3 | — | — | — | — | — | 2·3 | Overcast till 12h., then brighter. |
| 19 | — | — | — | — | — | — | ·2 | — | ·5 | ·7 | ·8 | ·4 | ·1 | — | — | — | — | 2·7 | Cloudy at first, then finer; dull evening. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, misty day, with ● 17h.–20h. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull most of day; fine evening. |
| 22 | — | — | — | — | — | — | — | ·1 | — | — | ·1 | — | — | — | — | — | — | 0·2 | Overcast all day; 🌧 and ● in afternoon. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fair. |
| 24 | — | — | — | — | ·6 | — | — | — | ·3 | ·5 | ·2 | — | — | — | — | — | — | 1·6 | Fair to dull; ⊤, ● and ▲² about 16h. |
| 25 | — | — | — | — | — | ·3 | ·1 | — | ·1 | — | — | — | — | — | — | — | — | 0·5 | Fair most of day; ● in evening. |
| 26 | — | — | — | — | ·9 | ·7 | ·2 | ·1 | — | — | — | ·1 | ·5 | — | — | — | — | 2·5 | A.M. fine; P.M. rather dull, with ● 16h.– |
| 27 | — | — | — | — | ·1 | ·5 | — | — | ·6 | ·5 | — | — | — | — | — | — | — | 1·7 | Fine to dull; ● at 19h. [17h. |
| 28 | — | — | — | — | — | ·8 | ·4 | — | ·2 | — | — | ·1 | ·6 | ·1 | — | — | — | 2·2 | ●° at times, but fine greater part of day. |
| 29 | — | — | — | — | ·2 | ·3 | ·1 | — | ·3 | ·5 | ·7 | ·9 | ·9 | ·3 | — | — | — | 4·2 | ✳ 4h.–6h., then fine till 12h.; fair later; ≋°. |
| | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | ·8 | ·2 | — | — | — | — | — | — | — | 4·8 | |
| | — | — | — | — | 4·2 | 10·5 | 9·9 | 10·0 | 11·1 | 11·7 | 9·0 | 7·1 | 3·9 | 0·4 | — | — | — | 77·8 | Total. |
| | — | — | — | 0·03 | 1·48 | 4·62 | 6·87 | 7·85 | 8·31 | 8·70 | 8·00 | 6·37 | 2·68 | 0·09 | — | — | — | 55·00 | Mean Total, 1881-1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. FEBRUARY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | |
| 1 | 43·1 | 40·2 | 40·6 | 40·4 | 39·1 | 38·1 | 36·9 | 37·6 | 38·0 | 38·7 | 39·8 | 40·9 | 41·1 | 41·6 | 41·5 | 41·1 | 40·6 | 39·6 | 39·2 | 37·6 | 37·0 | 36·3 | 35·8 | 35·5 | 35·1 | 39·0 |
| 2 | 35·1 | 34·3 | 33·3 | 32·4 | 32·3 | 32·0 | 31·4 | 31·1 | 31·2 | 32·2 | 34·9 | 37·4 | 39·1 | 41·0 | 41·5 | 42·0 | 40·8 | 39·3 | 37·1 | 34·9 | 32·9 | 33·6 | 33·3 | 32·4 | 33·1 | 35·2 |
| 3 | 33·1 | 33·4 | 33·5 | 34·0 | 34·2 | 35·0 | 35·7 | 36·0 | 36·1 | 37·3 | 37·9 | 40·0 | 41·4 | 43·0 | 44·3 | 45·3 | 44·6 | 42·1 | 41·3 | 41·0 | 40·3 | 38·9 | 38·0 | 37·9 | 37·2 | 38·6 |
| 4 | 37·2 | 37·0 | 36·4 | 36·7 | 36·5 | 36·1 | 36·1 | 36·1 | 36·9 | 36·7 | 37·7 | 40·0 | 41·1 | 42·0 | 42·4 | 42·1 | 41·7 | 41·4 | 40·9 | 40·4 | 40·3 | 39·4 | 38·9 | 38·3 | 38·5 | 38·9 |
| 5 | 38·5 | 38·7 | 38·2 | 37·1 | 35·4 | 34·5 | 33·7 | 33·1 | 32·6 | 33·3 | 35·9 | 39·8 | 40·6 | 42·0 | 42·4 | 43·1 | 42·0 | 41·3 | 40·4 | 40·1 | 40·1 | 40·2 | 40·3 | 40·6 | 40·2 | 38·5 |
| 6 | 40·2 | 40·2 | 40·2 | 40·5 | 40·0 | 40·2 | 40·7 | 40·9 | 41·0 | 41·4 | 42·9 | 44·8 | 46·3 | 48·3 | 49·4 | 50·0 | 49·0 | 46·9 | 44·6 | 42·8 | 41·3 | 39·5 | 38·6 | 37·5 | 35·8 | 42·7 |
| 7 | 35·8 | 35·5 | 36·6 | 37·4 | 38·0 | 38·9 | 39·3 | 40·0 | 40·1 | 40·7 | 41·3 | 42·3 | 43·0 | 44·9 | 46·5 | 47·8 | 47·9 | 47·1 | 46·0 | 46·5 | 46·0 | 46·2 | 46·0 | 45·9 | 45·3 | 42·7 |
| 8 | 45·3 | 44·7 | 43·7 | 42·7 | 40·9 | 39·9 | 39·2 | 38·0 | 37·3 | 39·0 | 42·1 | 43·8 | 45·4 | 46·5 | 46·0 | 46·3 | 46·2 | 45·8 | 44·8 | 44·0 | 45·0 | 45·3 | 45·2 | 44·6 | 42·4 | 43·3 |
| 9 | 42·4 | 41·0 | 40·1 | 42·9 | 42·4 | 41·6 | 39·6 | 38·1 | 38·1 | 39·5 | 43·1 | 47·0 | 46·7 | 47·7 | 47·8 | 48·2 | 47·6 | 46·0 | 44·9 | 44·2 | 44·1 | 43·4 | 43·1 | 43·0 | 42·9 | 43·5 |
| 10 | 42·6 | 42·8 | 42·9 | 42·3 | 41·9 | 41·6 | 41·2 | 41·0 | 40·7 | 40·0 | 41·5 | 45·2 | 47·5 | 49·0 | 49·0 | 48·9 | 48·7 | 47·3 | 44·6 | 42·3 | 38·1 | 38·3 | 37·8 | 38·4 | 38·1 | 43·0 |
| 11 | 38·1 | 38·9 | 38·8 | 37·0 | 36·1 | 35·3 | 35·9 | 36·9 | 37·1 | 38·8 | 40·0 | 43·3 | 45·7 | 48·4 | 49·0 | 48·6 | 48·0 | 47·2 | 46·4 | 45·9 | 45·3 | 44·6 | 43·9 | 43·6 | 43·6 | 42·3 |
| 12 | 43·6 | 43·6 | 43·3 | 43·0 | 42·5 | 42·4 | 42·0 | 41·8 | 40·1 | 39·6 | 42·7 | 46·5 | 48·3 | 49·3 | 48·4 | 47·8 | 46·6 | 44·0 | 40·0 | 39·8 | 38·3 | 39·2 | 38·9 | 38·2 | 37·3 | 42·8 |
| 13 | 37·3 | 36·0 | 35·0 | 34·2 | 33·7 | 34·3 | 31·9 | 33·0 | 33·3 | 34·7 | 36·3 | 39·8 | 41·5 | 43·0 | 43·9 | 44·0 | 43·9 | 42·0 | 41·3 | 39·0 | 38·8 | 40·2 | 40·4 | 40·6 | 40·6 | 38·4 |
| 14 | 40·6 | 40·3 | 40·2 | 38·9 | 39·6 | 40·4 | 41·9 | 42·0 | 42·4 | 43·2 | 45·0 | 47·1 | 48·8 | 50·0 | 50·0 | 49·9 | 50·0 | 48·9 | 46·4 | 44·0 | 42·2 | 41·6 | 40·0 | 39·3 | 39·4 | 43·8 |
| 15 | 39·4 | 40·8 | 41·1 | 43·0 | 43·9 | 45·6 | 45·3 | 46·1 | 46·7 | 47·9 | 47·7 | 48·9 | 49·3 | 49·2 | 48·7 | 48·4 | 48·4 | 48·0 | 47·1 | 47·5 | 39·9 | 38·6 | 38·1 | 38·2 | 38·3 | 44·4 |
| 16 | 38·3 | 36·9 | 36·0 | 36·0 | 35·8 | 35·7 | 36·8 | 36·6 | 37·1 | 38·3 | 41·6 | 44·1 | 46·1 | 47·0 | 46·7 | 46·6 | 47·3 | 45·4 | 43·6 | 41·9 | 40·4 | 39·9 | 39·1 | 38·6 | 38·2 | 40·7 |
| 17 | 38·2 | 39·0 | 40·1 | 41·1 | 41·7 | 42·4 | 42·8 | 43·9 | 45·8 | 47·8 | 48·3 | 49·2 | 50·2 | 50·9 | 52·7 | 53·3 | 51·1 | 49·2 | 49·6 | 49·9 | 48·4 | 47·0 | 46·7 | 47·7 | 48·0 | 46·7 |
| 18 | 48·0 | 46·9 | 45·8 | 45·0 | 44·9 | 44·3 | 43·9 | 44·5 | 44·4 | 44·7 | 46·6 | 48·6 | 50·1 | 52·0 | 51·4 | 51·3 | 51·2 | 50·7 | 48·9 | 48·3 | 47·2 | 46·1 | 44·8 | 43·9 | 43·7 | 47·1 |
| 19 | 43·7 | 43·1 | 42·1 | 41·3 | 41·4 | 41·7 | 41·7 | 42·5 | 42·5 | 44·0 | 45·9 | 48·3 | 49·8 | 50·9 | 51·6 | 52·2 | 51·1 | 50·1 | 50·1 | 50·0 | 48·7 | 48·0 | 47·7 | 46·7 | 46·3 | 45·6 | 46·3 |
| 20 | 45·6 | 44·8 | 44·6 | 44·4 | 44·6 | 43·6 | 44·1 | 44·6 | 45·0 | 46·3 | 46·3 | 48·0 | 50·6 | 51·0 | 51·1 | 51·0 | 51·1 | 50·1 | 48·8 | 47·9 | 47·3 | 47·1 | 46·8 | 46·7 | 46·2 | 47·2 |
| 21 | 46·2 | 45·9 | 46·0 | 45·9 | 45·8 | 45·3 | 44·7 | 44·9 | 45·9 | 47·1 | 48·7 | 50·0 | 50·0 | 50·1 | 50·6 | 50·9 | 50·9 | 50·7 | 49·2 | 47·9 | 47·0 | 46·7 | 45·5 | 44·7 | 44·0 | 47·5 |
| 22 | 44·0 | 43·4 | 43·7 | 43·3 | 43·0 | 42·0 | 43·0 | 43·1 | 44·1 | 45·1 | 46·0 | 48·7 | 48·8 | 48·6 | 49·0 | 49·3 | 49·7 | 50·2 | 49·9 | 48·9 | 47·3 | 46·0 | 46·0 | 44·9 | 44·0 | 46·2 |
| 23 | 44·0 | 44·0 | 43·5 | 43·7 | 43·1 | 42·9 | 42·4 | 41·3 | 41·7 | 44·2 | 45·1 | 46·6 | 46·9 | 47·1 | 47·9 | 48·4 | 46·8 | 47·1 | 46·0 | 46·0 | 43·9 | 42·0 | 41·2 | 40·0 | 40·6 | 44·3 |
| 24 | 40·6 | 40·6 | 39·1 | 39·3 | 39·0 | 39·1 | 37·6 | 37·1 | 37·7 | 39·0 | 40·9 | 42·5 | 44·4 | 44·9 | 43·1 | 44·5 | 40·1 | 42·0 | 43·6 | 44·6 | 44·7 | 44·4 | 44·0 | 43·7 | 42·7 | 41·8 |
| 25 | 42·7 | 42·0 | 41·3 | 41·0 | 40·4 | 39·9 | 39·4 | 39·1 | 39·3 | 41·7 | 44·1 | 43·9 | 45·0 | 45·1 | 44·3 | 43·7 | 46·2 | 47·0 | 46·0 | 44·7 | 40·3 | 41·7 | 41·8 | 42·1 | 42·0 | 42·6 |
| 26 | 42·0 | 41·0 | 39·8 | 39·0 | 38·8 | 38·4 | 38·2 | 37·6 | 38·0 | 39·0 | 40·9 | 42·8 | 44·5 | 47·0 | 47·3 | 46·4 | 44·3 | 43·6 | 43·2 | 43·0 | 43·6 | 44·2 | 43·2 | 42·6 | 43·3 | 42·0 |
| 27 | 43·2 | 43·2 | 42·1 | 41·2 | 40·3 | 40·0 | 40·3 | 40·7 | 41·7 | 43·9 | 45·6 | 46·1 | 46·6 | 46·0 | 46·7 | 45·0 | 45·7 | 45·5 | 45·0 | 44·1 | 42·9 | 39·9 | 39·0 | 39·5 | 38·7 | 42·8 |
| 28 | 37·6 | 37·0 | 36·6 | 36·5 | 36·0 | 36·0 | 37·0 | 37·8 | 38·3 | 39·1 | 40·3 | 40·9 | 40·4 | 42·7 | 40·3 | 41·7 | 42·5 | 41·4 | 40·5 | 36·1 | 35·4 | 34·8 | 34·1 | 33·9 | 33·8 | 38·2 |
| 29 | 33·8 | 33·9 | 34·1 | 34·6 | 34·6 | 34·0 | 33·4 | 32·4 | 32·4 | 34·0 | 35·9 | 38·0 | 39·6 | 40·4 | 39·9 | 37·1 | 38·6 | 39·0 | 38·0 | 36·8 | 36·2 | 35·6 | 35·7 | 37·0 | 37·2 | 36·1 |
| Mean ... | 40·7 | 40·3 | 40·0 | 39·8 | 39·5 | 39·4 | 39·2 | 39·2 | 39·5 | 40·6 | 42·3 | 44·3 | 45·5 | 46·6 | 46·7 | 46·7 | 46·5 | 45·5 | 44·2 | 43·2 | 42·0 | 41·6 | 41·2 | 40·9 | 40·5 | 42·3 |
| Mean, 1871-1905. | 38·6 | 38·4 | 38·1 | 38·0 | 37·8 | 37·8 | 37·6 | 37·6 | 37·7 | 38·6 | 39·8 | 41·2 | 42·2 | 43·1 | 43·4 | 43·5 | 42·9 | 42·1 | 41·1 | 40·4 | 39·9 | 39·5 | 39·1 | 38·8 | 38·6 | 39·9 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). FEBRUARY, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| 1 | 64 | 75 | 66 | 66 | 66 | 65 | 71 | 71 | 68 | 65 | 64 | 58 | 55 | 55 | 54 | 53 | 51 | 54 | 55 | 59 | 60 | 61 | 60 | 62 | 61 | 61·5 |
| 2 | 61 | 62 | 64 | 63 | 64 | 60 | 62 | 60 | 61 | 62 | 65 | 65 | 65 | 64 | 62 | 64 | 63 | 67 | 73 | 77 | 83 | 83 | 82 | 83 | 82 | 67·8 |
| 3 | 82 | 81 | 82 | 80 | 84 | 83 | 90 | 90 | 91 | 92 | 92 | 91 | 95 | 93 | 85 | 69 | 62 | 68 | 67 | 66 | 69 | 73 | 74 | 71 | 72 | 80·2 |
| 4 | 72 | 70 | 71 | 67 | 67 | 67 | 68 | 70 | 71 | 74 | 72 | 68 | 69 | 68 | 66 | 64 | 63 | 63 | 65 | 68 | 68 | 77 | 80 | 78 | 72 | 69·4 |
| 5 | 72 | 71 | 73 | 76 | 79 | 79 | 82 | 81 | 82 | 81 | 76 | 66 | 68 | 67 | 71 | 69 | 74 | 75 | 79 | 81 | 79 | 83 | 81 | 81 | 85 | 76·4 |
| 6 | 85 | 86 | 88 | 86 | 90 | 91 | 90 | 89 | 89 | 85 | 85 | 85 | 81 | 81 | 77 | 70 | 75 | 81 | 87 | 89 | 92 | 93 | 95 | 94 | 86 | 86·5 |
| 7 | 94 | 95 | 94 | 93 | 94 | 95 | 96 | 97 | 97 | 94 | 95 | 95 | 94 | 93 | 90 | 88 | 88 | 90 | 90 | 90 | 93 | 91 | 92 | 92 | 89 | 92·8 |
| 8 | 89 | 80 | 86 | 86 | 85 | 85 | 87 | 89 | 89 | 84 | 83 | 77 | 75 | 73 | 73 | 72 | 72 | 75 | 79 | 83 | 78 | 78 | 79 | 80 | 88 | 80·7 |
| 9 | 88 | 87 | 90 | 86 | 89 | 91 | 94 | 94 | 93 | 93 | 89 | 77 | 79 | 76 | 75 | 76 | 78 | 86 | 86 | 89 | 88 | 91 | 91 | 92 | 93 | 86·7 |
| 10 | 93 | 88 | 85 | 85 | 86 | 88 | 90 | 87 | 89 | 92 | 89 | 78 | 68 | 62 | 60 | 64 | 68 | 70 | 79 | 85 | 92 | 88 | 90 | 88 | 85 | 81·6 |
| 11 | 85 | 86 | 85 | 89 | 90 | 91 | 92 | 88 | 89 | 89 | 87 | 85 | 72 | 73 | 75 | 77 | 81 | 83 | 84 | 83 | 86 | 88 | 88 | 87 | 87 | 84·8 |
| 12 | 87 | 87 | 87 | 88 | 89 | 88 | 90 | 88 | 90 | 92 | 85 | 72 | 70 | 66 | 66 | 68 | 72 | 77 | 84 | 84 | 86 | 84 | 85 | 85 | 88 | 82·1 |
| 13 | 88 | 90 | 90 | 87 | 85 | 86 | 88 | 88 | 89 | 86 | 86 | 78 | 78 | 76 | 76 | 75 | 78 | 82 | 85 | 89 | 91 | 89 | 87 | 88 | 88 | 84·8 |
| 14 | 88 | 91 | 91 | 94 | 93 | 91 | 93 | 95 | 96 | 96 | 92 | 86 | 83 | 78 | 70 | 69 | 74 | 70 | 77 | 84 | 88 | 87 | 86 | 88 | 88 | 85·8 |
| 15 | 88 | 85 | 86 | 86 | 88 | 88 | 87 | 87 | 86 | 89 | 86 | 90 | 80 | 76 | 82 | 88 | 91 | 91 | 94 | 86 | 86 | 87 | 91 | 89 | 88 | 86·5 |
| 16 | 78 | 84 | 84 | 85 | 84 | 85 | 82 | 83 | 83 | 81 | 75 | 71 | 66 | 58 | 65 | 64 | 68 | 62 | 72 | 83 | 86 | 87 | 89 | 88 | 89 | 77·4 |
| 17 | 89 | 86 | 85 | 90 | 93 | 91 | 92 | 93 | 95 | 94 | 97 | 96 | 96 | 93 | 85 | 81 | 86 | 92 | 88 | 93 | 90 | 85 | 86 | 81 | 82 | 88·9 |
| 18 | 79 | 72 | 69 | 71 | 72 | 74 | 75 | 73 | 76 | 82 | 82 | 81 | 77 | 64 | 65 | 61 | 58 | 61 | 70 | 68 | 70 | 70 | 73 | 74 | 73 | 71·4 |
| 19 | 73 | 77 | 78 | 81 | 82 | 81 | 83 | 82 | 84 | 80 | 80 | 76 | 73 | 64 | 62 | 62 | 64 | 68 | 68 | 73 | 74 | 73 | 76 | 81 | 81 | 75·0 |
| 20 | 81 | 82 | 85 | 83 | 83 | 87 | 85 | 87 | 85 | 85 | 95 | 93 | 85 | 85 | 85 | 83 | 85 | 85 | 89 | 90 | 92 | 93 | 92 | 91 | 90 | 87·8 |
| 21 | 93 | 93 | 92 | 93 | 93 | 96 | 94 | 93 | 93 | 91 | 85 | 81 | 82 | 80 | 80 | 83 | 85 | 81 | 67 | 71 | 70 | 73 | 72 | 75 | 74 | 78 | 83·3 |
| 22 | 78 | 80 | 79 | 78 | 79 | 82 | 81 | 82 | 81 | 81 | 80 | 76 | 78 | 83 | 80 | 83 | 85 | 85 | 73 | 59 | 67 | 65 | 56 | 56 | 67 | 75·9 |
| 23 | 67 | 67 | 66 | 68 | 68 | 72 | 75 | 81 | 81 | 76 | 73 | 65 | 68 | 67 | 70 | 66 | 72 | 65 | 69 | 63 | 72 | 72 | 76 | 78 | 75 | 70·8 |
| 24 | 75 | 72 | 76 | 70 | 71 | 72 | 78 | 76 | 72 | 71 | 65 | 63 | 60 | 61 | 76 | 74 | 73 | 78 | 76 | 74 | 73 | 75 | 73 | 75 | 76 | 72·1 |
| 25 | 76 | 78 | 80 | 79 | 81 | 79 | 81 | 82 | 82 | 76 | 68 | 72 | 68 | 71 | 76 | 86 | 77 | 61 | 64 | 68 | 86 | 80 | 76 | 74 | 71 | 75·8 |
| 26 | 71 | 70 | 72 | 75 | 77 | 79 | 80 | 79 | 81 | 83 | 80 | 72 | 68 | 61 | 60 | 65 | 77 | 85 | 89 | 92 | 90 | 92 | 94 | 95 | 90 | 79·0 |
| 27 | 90 | 84 | 82 | 79 | 80 | 78 | 82 | 85 | 83 | 78 | 74 | 69 | 71 | 69 | 70 | 76 | 69 | 71 | 70 | 82 | 84 | 79 | 85 | 89 | 79 | 77·6 |
| 28 | 79 | 78 | 79 | 79 | 84 | 82 | 83 | 84 | 88 | 86 | 82 | 78 | 78 | 66 | 61 | 57 | 53 | 56 | 60 | 86 | 87 | 82 | 85 | 82 | 81 | 76·5 |
| 29 | 81 | 83 | 78 | 71 | 76 | 79 | 84 | 63 | 63 | 65 | 64 | 60 | 57 | 55 | 58 | 77 | 70 | 67 | 68 | 71 | 70 | 67 | 68 | 69 | 69 | 69·0 |
| Mean ... | 80·9 | 80·7 | 80·8 | 80·5 | 81·8 | 82·2 | 84·0 | 83·3 | 83·8 | 82·9 | 81·1 | 76·4 | 74·9 | 71·8 | 71·7 | 72·1 | 72·4 | 73·8 | 76·0 | 78·6 | 81·1 | 80·7 | 81·3 | 81·0 | 81·1 | 78·9 |
| Mean, 1886-1905. | 85·7 | 85·5 | 86·1 | 86·1 | 86·4 | 86·1 | 86·6 | 86·2 | 86·1 | 84·6 | 82·6 | 79·2 | 77·1 | 75·4 | 74·4 | 74·5 | 75·5 | 77·8 | 80·5 | 81·7 | 83·3 | 83·9 | 84·6 | 85·1 | 85·5 | 82·3 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. MARCH, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity.—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. MARCH, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·900 | 9·798 | 43·4 | 35·7 | 9 | 9·630 | 9·355 | 46·6 | 39·7 | 17 | 9·987 | 9·684 | 48·4 | 43·2 | 25 | 0·153 | 9·999 | 49·3 | 32·8 |
| 2 | 9·911 | 9·875 | 43·7 | 37·4 | 10 | 9·905 | 9·627 | 47·2 | 42·3 | 18 | 9·964 | 9·869 | 46·5 | 38·5 | 26 | 0·039 | 9·991 | 50·7 | 36·1 |
| 3 | 9·901 | 9·755 | 44·6 | 38·0 | 11 | 9·924 | 9·809 | 44·7 | 38·7 | 19 | 9·917 | 9·850 | 46·8 | 35·9 | 27 | 0·008 | 9·715 | 49·2 | 40·9 |
| 4 | 9·799 | 9·721 | 43·9 | **32·2** | 12 | 0·041 | 9·900 | 48·7 | 41·7 | 20 | 9·867 | 9·714 | 45·8 | 32·7 | 28 | 0·039 | 9·804 | 49·0 | 39·6 |
| 5 | 9·807 | **8·978** | 46·6 | 37·9 | 13 | 0·197 | 9·990 | 48·8 | 44·6 | 21 | 9·717 | 9·172 | 48·4 | 41·5 | 29 | 9·804 | 9·582 | 49·5 | 39·4 |
| 6 | 9·903 | 9·002 | 46·3 | 39·3 | 14 | **0·218** | 0·160 | 47·5 | 37·6 | 22 | 9·425 | 8·990 | 51·4 | 43·8 | 30 | 9·787 | 9·294 | 50·9 | 40·0 |
| 7 | 9·894 | 9·663 | 50·7 | 41·3 | 15 | 0·167 | 0·039 | 46·6 | 32·3 | 23 | 9·795 | 9·425 | 51·6 | 43·3 | 31 | 9·890 | 9·644 | 47·4 | 40·7 |
| 8 | 9·804 | 9·194 | **52·3** | 44·3 | 16 | 0·129 | 9·987 | 47·7 | 39·4 | 24 | 0·152 | 9·716 | 50·7 | 39·7 | Mean. | — | — | 47·9 | 39·0 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. MARCH, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·898 | 9·884 | 9·881 | 9·873 | 9·855 | 9·852 | 9·851 | 9·852 | 9·851 | 9·855 | 9·851 | 9·846 | 9·822 | 9·811 | 9·812 | 9·806 | 9·813 | 9·832 | 9·852 | 9·861 | 9·877 | 9·893 | 9·895 | 9·892 | 9·900 | 9·855 |
| 2 | 9·900 | 9·891 | 9·887 | 9·891 | 9·880 | 9·881 | 9·882 | 9·887 | 9·885 | 9·893 | 9·892 | 9·891 | 9·904 | 9·902 | 9·895 | 9·884 | 9·895 | 9·900 | 9·905 | 9·911 | 9·905 | 9·905 | 9·900 | 9·900 | 9·901 | 9·894 |
| 3 | 9·901 | 9·891 | 9·879 | 9·879 | 9·850 | 9·841 | 9·833 | 9·829 | 9·820 | 9·827 | 9·830 | 9·832 | 9·832 | 9·827 | 9·817 | 9·802 | 9·792 | 9·785 | 9·781 | 9·785 | 9·779 | 9·780 | 9·778 | 9·766 | 9·755 | 9·819 |
| 4 | 9·755 | 9·750 | 9·739 | 9·731 | 9·721 | 9·726 | 9·725 | 9·735 | 9·743 | 9·748 | 9·752 | 9·751 | 9·751 | 9·752 | 9·747 | 9·746 | 9·751 | 9·749 | 9·756 | 9·772 | 9·779 | 9·786 | 9·792 | 9·799 | 9·797 | 9·753 |
| 5 | 9·797 | 9·804 | 9·803 | 9·803 | 9·797 | 9·796 | 9·797 | 9·799 | 9·804 | 9·800 | 9·789 | 9·782 | 9·776 | 9·754 | 9·719 | 9·683 | 9·631 | 9·579 | 9·494 | 9·394 | 9·273 | 9·190 | 9·083 | 9·013 | 9·002 | 9·615 |
| 6 | 9·002 | 9·147 | 9·202 | 9·233 | 9·263 | 9·302 | 9·358 | 9·406 | 9·459 | 9·522 | 9·578 | 9·614 | 9·674 | 9·699 | 9·740 | 9·755 | 9·794 | 9·811 | 9·830 | 9·853 | 9·878 | 9·899 | 9·895 | 9·866 | 9·886 | 9·594 |
| 7 | 9·889 | 9·889 | 9·880 | 9·864 | 9·841 | 9·818 | 9·779 | 9·741 | 9·699 | 9·677 | 9·665 | 9·683 | 9·702 | 9·717 | 9·727 | 9·744 | 9·757 | 9·762 | 9·774 | 9·791 | 9·801 | 9·802 | 9·807 | 9·804 | 9·801 | 9·774 |
| 8 | 9·801 | 9·797 | 9·800 | 9·779 | 9·759 | 9·743 | 9·724 | 9·698 | 9·659 | 9·635 | 9·614 | 9·560 | 9·506 | 9·449 | 9·348 | 9·260 | 9·199 | 9·246 | 9·248 | 9·256 | 9·259 | 9·250 | 9·231 | 9·254 | 9·303 | 9·496 |
| 9 | 9·355 | 9·384 | 9·405 | 9·428 | 9·436 | 9·454 | 9·471 | 9·475 | 9·471 | 9·463 | 9·461 | 9·454 | 9·455 | 9·459 | 9·454 | 9·457 | 9·466 | 9·488 | 9·519 | 9·542 | 9·569 | 9·583 | 9·595 | 9·614 | 9·630 | 9·483 |
| 10 | 9·630 | 9·638 | 9·659 | 9·673 | 9·692 | 9·695 | 9·704 | 9·728 | 9·749 | 9·774 | 9·793 | 9·802 | 9·816 | 9·825 | 9·831 | 9·833 | 9·848 | 9·855 | 9·855 | 9·876 | 9·886 | 9·885 | 9·899 | 9·903 | 9·905 | 9·791 |
| 11 | 9·905 | 9·909 | 9·913 | 9·915 | 9·911 | 9·906 | 9·910 | 9·914 | 9·915 | 9·919 | 9·920 | 9·904 | 9·893 | 9·873 | 9·852 | 9·832 | 9·823 | 9·819 | 9·829 | 9·834 | 9·855 | 9·869 | 9·869 | 9·874 | 9·900 | 9·882 |
| 12 | 9·900 | 9·909 | 9·923 | 9·932 | 9·939 | 9·951 | 9·962 | 9·974 | 9·985 | 9·993 | 0·008 | 0·018 | 0·014 | 0·015 | 0·016 | 0·014 | 0·009 | 0·018 | 0·019 | 0·027 | 0·033 | 0·039 | 0·039 | 0·041 | 0·035 | 9·994 |
| 13 | 0·035 | 0·030 | 0·025 | 0·017 | 9·998 | 9·997 | 9·995 | 9·994 | 9·999 | 9·992 | 9·995 | 0·001 | | 0·010 | 0·038 | 0·048 | 0·070 | 0·086 | 0·105 | 0·123 | 0·142 | 0·160 | 0·176 | 0·189 | 0·197 | 0·055 |
| 14 | 0·197 | 0·199 | 0·199 | 0·205 | 0·201 | 0·204 | 0·205 | 0·211 | 0·215 | 0·218 | 0·216 | 0·210 | 0·203 | 0·197 | 0·188 | 0·177 | 0·166 | 0·172 | 0·168 | 0·180 | 0·182 | 0·183 | 0·181 | 0·175 | 0·167 | 0·193 |
| 15 | 0·167 | 0·158 | 0·143 | 0·137 | 0·129 | 0·125 | 0·103 | 0·095 | 0·082 | 0·073 | 0·074 | 0·057 | 0·039 | 0·077 | 0·069 | 0·075 | 0·074 | 0·092 | 0·105 | 0·117 | 0·122 | 0·129 | 0·134 | 0·129 | 0·127 | 0·104 |
| 16 | 0·127 | 0·125 | 0·122 | 0·117 | 0·110 | 0·107 | 0·104 | 0·109 | 0·109 | 0·113 | 0·111 | 0·117 | 0·111 | 0·107 | 0·098 | 0·095 | 0·088 | 0·085 | 0·074 | 0·072 | 0·061 | 0·052 | 0·035 | 0·015 | 9·987 | 0·091 |
| 17 | 9·987 | 9·953 | 9·917 | 9·876 | 9·835 | 9·809 | 9·783 | 9·767 | 9·759 | 9·747 | 9·738 | 9·735 | 9·714 | 9·708 | 9·694 | 9·687 | 9·688 | 9·696 | 9·724 | 9·749 | 9·788 | 9·813 | 9·833 | 9·853 | 9·869 | 9·783 |
| 18 | 9·869 | 9·876 | 9·884 | 9·890 | 9·896 | 9·905 | 9·920 | 9·934 | 9·941 | 9·953 | 9·952 | 9·956 | 9·964 | 9·952 | 9·948 | 9·941 | 9·929 | 9·926 | 9·923 | 9·924 | 9·924 | 9·930 | 9·925 | 9·920 | 9·917 | 9·925 |
| 19 | 9·917 | 9·866 | 9·887 | 9·880 | 9·872 | 9·859 | 9·863 | 9·877 | 9·882 | 9·884 | 9·885 | 9·887 | 9·878 | 9·876 | 9·863 | 9·853 | 9·852 | 9·856 | 9·867 | 9·878 | 9·877 | 9·879 | 9·878 | 9·873 | 9·867 | 9·875 |
| 20 | 9·867 | 9·861 | 9·848 | 9·836 | 9·825 | 9·823 | 9·818 | 9·813 | 9·807 | 9·808 | 9·798 | 9·788 | 9·781 | 9·773 | 9·753 | 9·735 | 9·728 | 9·726 | 9·728 | 9·732 | 9·741 | 9·738 | 9·735 | 9·729 | 9·714 | 9·780 |
| 21 | 9·714 | 9·706 | 9·697 | 9·682 | 9·668 | 9·659 | 9·651 | 9·652 | 9·643 | 9·648 | 9·649 | 9·641 | 9·626 | 9·605 | 9·579 | 9·566 | 9·539 | 9·508 | 9·466 | 9·445 | 9·405 | 9·355 | 9·282 | 9·221 | 9·172 | 9·556 |
| 22 | 9·172 | 9·099 | 9·059 | 9·061 | 9·019 | 9·002 | 9·002 | 9·000 | 9·001 | 9·003 | 9·006 | 9·006 | 9·025 | 9·044 | 9·061 | 9·090 | 9·122 | 9·152 | 9·188 | 9·234 | 9·273 | 9·310 | 9·354 | 9·383 | 9·425 | 9·116 |
| 23 | 9·425 | 9·459 | 9·498 | 9·522 | 9·563 | 9·594 | 9·642 | 9·677 | 9·699 | 9·729 | 9·758 | 9·772 | 9·783 | 9·795 | 9·791 | 9·793 | 9·771 | 9·779 | 9·749 | 9·735 | 9·736 | 9·737 | 9·732 | 9·727 | 9·722 | 9·692 |
| 24 | 9·722 | 9·722 | 9·750 | 9·766 | 9·779 | 9·822 | 9·834 | 9·860 | 9·892 | 9·918 | 9·931 | 9·958 | 9·979 | 9·999 | 0·002 | 0·019 | 0·045 | 0·054 | 0·079 | 0·094 | 0·119 | 0·130 | 0·139 | 0·145 | 0·149 | 9·957 |
| 25 | 0·149 | 0·153 | 0·149 | 0·145 | 0·137 | 0·128 | 0·115 | 0·117 | 0·108 | 0·100 | 0·087 | 0·076 | 0·059 | 0·049 | 0·027 | 0·011 | 0·002 | 9·999 | 0·001 | 0·002 | 0·005 | 0·019 | 0·023 | 0·005 | 0·014 | 0·067 |
| 26 | 0·014 | 9·995 | 0·015 | 0·001 | 9·999 | 0·006 | 9·997 | 0·015 | 0·021 | 0·029 | 0·036 | 0·034 | 0·029 | 0·021 | 0·024 | 0·024 | 0·025 | 0·011 | 0·026 | 0·026 | 0·026 | 0·031 | 0·026 | 0·019 | 9·995 | 0·018 |
| 27 | 9·995 | 9·985 | 9·971 | 9·950 | 9·923 | 9·880 | 9·846 | 9·825 | 9·795 | 9·769 | 9·736 | 9·722 | 9·800 | 9·823 | 9·854 | 9·848 | 9·860 | 9·884 | 9·913 | 9·947 | 9·970 | 9·983 | 9·996 | 0·004 | 0·008 | 9·887 |
| 28 | 0·008 | 0·006 | 0·005 | 9·999 | 9·988 | 9·979 | 9·975 | 9·979 | 9·979 | 9·969 | 9·959 | 9·957 | 9·941 | 9·929 | 9·908 | 9·902 | 9·889 | 9·875 | 9·873 | 9·864 | 9·854 | 9·838 | 9·830 | 9·818 

## VALENCIA. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. MARCH, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 32 | 22 | 31 | 21 | 32 | 23 | 1 | 25 | 1 | 23 | 32 | 23 | 32 | 26 | 1 | 21 | 3 | 20 | 1 | 18 | 1 | 18 | 32 | 24 |
| 2 | 1 | 18 | 1 | 16 | 2 | 10 | 2 | 4 | 2 | 8 | 2 | 6 | 8 | 5 | 4 | 4 | — | 2 | — | 2 | 2 | 7 | 2 | 7 |
| 3 | 32 | 13 | 3 | 10 | 2 | 14 | 32 | 10 | 1 | 7 | 31 | 15 | 32 | 13 | 30 | 17 | 32 | 15 | 32 | 12 | 31 | 10 | 2 | 10 |
| 4 | 5 | 5 | — | 2 | 4 | 4 | — | 2 | — | 1 | — | 3 | — | 2 | 4 | 4 | — | 2 | — | 0 | — | 1 | — | 2 |
| 5 | — | 2 | 7 | 4 | 7 | 4 | 14 | 5 | 18 | 5 | 16 | 6 | 16 | 8 | 16 | 6 | 16 | 7 | 21 | 13 | 22 | 12 | 19 | 10 |
| 6 | 27 | 34 | 28 | 28 | 30 | 26 | 29 | 28 | 30 | 30 | 30 | 29 | 31 | 32 | 30 | 34 | 31 | 34 | 30 | 34 | 29 | 29 | 30 | 29 |
| 7 | 23 | 16 | 23 | 15 | 22 | 17 | 23 | 15 | 22 | 8 | 18 | 5 | 17 | 7 | 12 | 12 | 15 | 10 | 16 | 11 | 22 | 16 | 23 | 13 |
| 8 | 21 | 24 | 21 | 22 | 20 | 16 | 20 | 16 | 20 | 15 | 20 | 18 | 20 | 19 | 20 | 21 | 19 | 18 | 18 | 20 | 19 | 20 | 16 | 20 |
| 9 | 24 | 22 | 25 | 24 | 25 | 24 | 25 | 28 | 25 | 23 | 25 | 17 | 25 | 21 | 25 | 23 | 23 | 26 | 23 | 24 | 23 | 25 | 24 | 27 |
| 10 | 28 | 24 | 27 | 24 | 27 | 26 | 28 | 23 | 27 | 26 | 27 | 23 | 28 | 23 | 28 | 21 | 27 | 19 | 28 | 20 | 30 | 23 | 28 | 22 |
| 11 | 30 | 11 | 29 | 10 | 28 | 10 | 27 | 4 | — | 2 | — | 3 | — | 2 | 8 | 4 | — | 2 | 14 | 4 | 12 | 6 | 13 | 8 |
| 12 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 | — | 1 | — | 0 | — | 2 | — | 1 | — | 2 | 15 | 4 | 15 | 4 |
| 13 | 13 | 12 | 13 | 11 | 12 | 10 | 12 | 11 | 12 | 10 | 13 | 8 | 11 | 8 | 8 | 4 | 8 | 4 | 14 | 9 | 14 | 9 | 15 | 8 |
| 14 | 29 | 12 | 29 | 14 | 28 | 13 | 28 | 13 | 28 | 12 | 28 | 12 | 28 | 13 | 29 | 14 | 29 | 13 | 30 | 16 | 31 | 14 | 30 | 19 |
| 15 | — | 2 | 7 | 4 | — | 2 | 8 | 4 | 8 | 5 | 6 | 6 | — | 3 | 4 | 5 | 15 | 7 | 16 | 8 | 15 | 11 | 15 | 12 |
| 16 | 28 | 17 | 27 | 15 | 29 | 12 | 32 | 12 | 1 | 7 | — | 2 | 2 | 4 | 2 | 5 | 31 | 5 | 30 | 7 | 27 | 9 | 26 | 10 |
| 17 | — | 2 | 17 | 5 | 16 | 7 | 21 | 5 | 17 | 4 | 16 | 7 | 25 | 10 | 27 | 4 | 27 | 4 | 27 | 7 | 27 | 9 | 28 | 10 |
| 18 | 2 | 8 | 4 | 7 | 2 | 7 | 2 | 7 | — | 3 | — | 3 | — | 1 | — | 2 | — | 2 | 5 | 5 | 4 | 10 | 2 | 11 |
| 19 | 2 | 10 | 3 | 8 | 4 | 7 | 3 | 7 | 5 | 9 | 6 | 9 | 6 | 4 | — | 1 | — | 2 | — | 2 | — | 1 | 9 | 8 |
| 20 | — | 2 | — | 3 | — | 3 | — | 3 | 7 | 4 | 7 | 4 | 7 | 4 | — | 1 | — | 2 | 14 | 6 | 15 | 8 | 15 | 8 |
| 21 | 13 | 15 | 12 | 18 | 12 | 17 | 12 | 16 | 12 | 17 | 12 | 18 | 12 | 19 | 13 | 22 | 14 | 18 | 13 | 19 | 12 | 21 | 14 | 21 |
| 22 | 12 | 34 | 14 | 27 | 20 | 11 | 14 | 10 | 14 | 11 | 21 | 11 | 16 | 8 | 16 | 11 | 16 | 12 | 17 | 14 | 18 | 15 | 21 | 18 |
| 23 | 22 | 20 | 22 | 17 | 22 | 19 | 22 | 19 | 22 | 18 | 23 | 18 | 22 | 14 | 18 | 6 | 21 | 13 | 22 | 10 | 20 | 9 | 18 | 11 |
| 24 | 15 | 14 | 21 | 14 | — | 1 | — | 2 | — | 2 | 18 | 4 | 25 | 12 | 26 | 7 | 22 | 9 | 25 | 7 | 28 | 10 | 28 | 12 |
| 25 | — | 3 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 6 | 4 | 4 | 7 | 4 | — | 2 | 13 | 10 | 14 | 12 | 14 | 14 | 12 | 15 |
| 26 | — | 1 | — | 2 | — | 2 | — | 3 | — | 0 | — | 3 | — | 3 | — | 3 | — | 2 | 14 | 4 | 15 | 5 | 16 | 7 |
| 27 | 15 | 12 | 15 | 15 | 15 | 15 | 14 | 15 | 15 | 15 | 15 | 15 | 17 | 15 | 18 | 15 | 18 | 15 | 17 | 16 | 21 | 29 | 25 | 25 |
| 28 | 23 | 15 | 22 | 17 | 16 | 7 | 20 | 11 | 21 | 13 | 20 | 13 | 20 | 13 | 20 | 15 | 19 | 15 | 18 | 16 | 18 | 15 | 19 | 18 |
| 29 | 17 | 18 | 17 | 21 | 17 | 20 | 17 | 20 | 16 | 20 | 16 | 23 | 17 | 23 | 21 | 27 | 21 | 23 | 22 | 24 | 23 | 22 | 23 | 23 |
| 30 | 21 | 15 | 20 | 11 | 21 | 12 | 20 | 13 | 20 | 15 | 19 | 12 | 18 | 14 | 18 | 14 | 16 | 17 | 16 | 19 | 16 | 21 | 16 | 26 |
| 31 | 24 | 33 | 24 | 32 | 24 | 31 | 27 | 28 | 24 | 26 | 24 | 23 | 22 | 22 | 22 | 22 | 25 | 18 | 22 | 19 | 21 | 17 | 21 | 15 |
| Mean ... | — | 14 | — | 14 | — | 12 | — | 12 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 12 | — | 13 | — | 15 |
| Mean, 1881–1905. | — | 12·0 | — | 12·0 | — | 11·8 | — | 11·6 | — | 11·6 | — | 11·9 | — | 11·7 | — | 12·2 | — | 12·8 | — | 13·3 | — | 13·4 | — | 15·0 |

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 32 | 27 | 1 | 26 | 1 | 26 | 1 | 28 | 32 | 24 | 1 | 24 | 1 | 23 | 1 | 18 | 1 | 18 | 2 | 19 | 2 | 21 | 1 | 21 | 22 | 1 |
| 2 | 11 | 3 | 10 | 2 | 11 | 1 | 12 | 1 | 12 | 1 | 11 | 1 | 6 | 1 | 7 | 1 | 5 | 1 | 12 | 32 | 7 | 2 | 11 | 9 | 2 | |
| 3 | 13 | 32 | 12 | 30 | 15 | 30 | 17 | 30 | 17 | 31 | 19 | 31 | 18 | 31 | 15 | 1 | 9 | 1 | 6 | — | 2 | 32 | 7 | 12 | 3 | |
| 4 | 3 | 25 | 4 | 28 | 4 | — | 3 | — | 2 | — | 3 | 17 | 5 | — | 2 | 16 | 5 | 15 | 7 | 15 | 7 | 15 | 4 | 3 | 4 | |
| 5 | 10 | 19 | 8 | 17 | 8 | 19 | 7 | 18 | 12 | 15 | 12 | 15 | 15 | 14 | 23 | 16 | 13 | 16 | 19 | 21 | 27 | 24 | 37 | 11 | 5 | |
| 6 | 31 | 28 | 32 | 28 | 27 | 28 | 25 | 28 | 25 | 28 | 22 | 28 | 21 | 28 | 19 | 28 | 19 | 25 | 19 | 25 | 15 | 24 | 15 | 27 | 6 | |
| 7 | 13 | 23 | 13 | 25 | 13 | 23 | 12 | 22 | 15 | 22 | 18 | 22 | 18 | 22 | 20 | 21 | 26 | 21 | 29 | 21 | 29 | 21 | 24 | 16 | 7 | |
| 8 | 22 | 16 | 26 | 17 | 27 | 20 | 35 | 21 | 33 | 21 | 33 | 21 | 32 | 21 | 34 | 21 | 37 | 23 | 39 | 24 | 32 | 27 | 24 | 25 | 8 | |
| 9 | 27 | 24 | 32 | 24 | 31 | 25 | 34 | 25 | 34 | 28 | 29 | 25 | 26 | 26 | 27 | 28 | 23 | 24 | 25 | 27 | 23 | 24 | 26 | 26 | 9 | |
| 10 | 23 | 28 | 22 | 28 | 23 | 28 | 22 | 28 | 21 | 28 | 19 | 29 | 18 | 29 | 16 | 29 | 16 | 28 | 17 | 27 | 15 | 29 | 15 | 21 | 10 | |
| 11 | 11 | 13 | 12 | 11 | 12 | 11 | 8 | 7 | 7 | 7 | 6 | — | 3 | 5 | 4 | 5 | 4 | 5 | 7 | 5 | 4 | — | 0 | 6 | 11 | |
| 12 | 4 | 15 | 4 | 15 | 6 | 15 | 6 | 16 | 7 | 16 | 7 | 14 | 7 | 14 | 8 | 14 | 9 | 14 | 11 | 14 | 10 | 14 | 12 | 5 | 12 | |
| 13 | 13 | 29 | 16 | 30 | 17 | 28 | 23 | 28 | 20 | 29 | 19 | 30 | 18 | 31 | 20 | 29 | 21 | 29 | 18 | 30 | 17 | 30 | 13 | 13 | 13 | |
| 14 | 19 | 30 | 17 | 29 | 18 | 29 | 17 | 31 | 15 | 31 | 12 | 4 | 5 | 2 | 4 | 4 | 4 | 12 | 4 | — | 3 | — | 2 | 12 | 14 | |
| 15 | 18 | 30 | 17 | 30 | 16 | 29 | 21 | 28 | 20 | 29 | 18 | 28 | 14 | 29 | 13 | 28 | 12 | 26 | 15 | 28 | 15 | 27 | 15 | 11 | 15 | |
| 16 | 11 | 28 | 11 | 29 | 8 | 28 | 10 | 26 | 9 | 32 | 4 | — | 2 | — | 1 | — | 2 | — | 3 | 23 | 6 | — | 2 | 7 | 16 | |
| 17 | 15 | 30 | 12 | 31 | 15 | 32 | 13 | 1 | 14 | 1 | 17 | 32 | 17 | 1 | 12 | 1 | 13 | 32 | 13 | 1 | 10 | 1 | 8 | 10 | 17 | |
| 18 | 14 | 32 | 17 | 6 | 15 | 2 | 13 | 1 | 14 | 2 | 12 | 1 | 15 | 2 | 18 | 3 | 12 | 2 | 13 | 3 | 15 | 4 | 10 | 10 | 18 | |
| 19 | 8 | 2 | 6 | 4 | 5 | 12 | 6 | 4 | 4 | 4 | 5 | 5 | 4 | 7 | 4 | — | 2 | — | 3 | — | 2 | — | 2 | 5 | 19 | |
| 20 | 7 | 15 | 9 | 15 | 10 | 15 | 10 | 15 | 8 | 16 | 7 | 15 | 8 | 15 | 7 | 15 | 7 | 16 | 11 | 13 | 12 | 13 | 15 | 6 | 20 | |
| 21 | 21 | 15 | 21 | 15 | 19 | 15 | 21 | 14 | 23 | 14 | 28 | 14 | 26 | 14 | 25 | 15 | 29 | 13 | 33 | 14 | 33 | 12 | 36 | 22 | 21 | |
| 22 | 17 | 20 | 21 | 21 | 23 | 21 | 23 | 21 | 21 | 21 | 23 | 22 | 23 | 22 | 26 | 22 | 21 | 22 | 21 | 21 | 21 | 22 | 19 | 18 | 22 | |
| 23 | 13 | 15 | 12 | 15 | 15 | 15 | 15 | 15 | 17 | 15 | 22 | 14 | 21 | 14 | 21 | 15 | 17 | 15 | 13 | 15 | 13 | 15 | 14 | 15 | 23 | |
| 24 | 12 | 28 | 14 | 28 | 12 | 29 | 10 | 28 | 13 | 28 | 11 | 28 | 10 | 28 | 7 | 29 | 5 | — | 2 | — | 1 | — | 2 | 8 | 24 | |
| 25 | 14 | 15 | 12 | 15 | 12 | 13 | 12 | 12 | 11 | 9 | 10 | 8 | 10 | 10 | 9 | 4 | 8 | 5 | 6 | 8 | 6 | — | 2 | 8 | 25 | |
| 26 | 15 | 7 | 16 | 9 | 16 | 8 | 16 | 9 | 15 | 8 | 16 | 8 | 16 | 8 | 16 | 7 | 16 | 8 | 15 | 10 | 15 | 12 | 15 | 13 | 6 | 26 |
| 27 | 30 | 22 | 28 | 19 | 1 | 12 | 29 | 20 | 28 | 21 | 28 | 18 | 30 | 17 | 28 | 15 | 26 | 14 | 26 | 13 | 25 | 14 | 24 | 13 | 17 | 27 |
| 28 | 18 | 20 | 18 | 20 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 16 | 17 | 16 | 18 | 16 | 19 | 17 | 20 | 18 | 21 | 16 | 28 |
| 29 | 23 | 29 | 23 | 32 | 22 | 23 | 21 | 23 | 20 | 20 | 21 | 15 | 21 | 17 | 22 | 23 | 21 | 18 | 21 | 16 | 21 | 12 | 19 | 9 | 21 | 29 |
| 30 | 16 | 26 | 19 | 32 | 21 | 30 | 23 | 36 | 23 | 28 | 23 | 27 | 25 | 26 | 23 | 35 | 23 | 31 | 22 | 36 | 23 | 34 | 24 | 32 | 23 | 30 |
| 31 | 21 | 11 | 21 | 7 | 19 | 7 | 22 | 7 | 22 | 8 | 28 | 8 | 28 | 4 | 28 | 6 | — | 3 | — | 2 | — | 3 | — | 3 | 15 | 31 |
| Mean ... | — | 16 | — | 16 | — | 16 | — | 17 | — | 16 | — | 16 | — | 15 | — | 15 | — | 14 | — | 15 | — | 14 | — | 14 | 14 | |
| Mean, 1881–1905. | — | 15·5 | — | 15·7 | — | 15·4 | — | 15·3 | — | 14·7 | — | 13·9 | — | 13·1 | — | 12·7 | — | 12·5 | — | 12·2 | — | 12·1 | — | 12·0 | 13·1 | |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## VALENCIA. TABLE IV.—Rainfall in Hundredths of English Inches. MARCH, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | 01 | 06 | — | — | — | — | — | 02 | 02 | — | 01 | 01 | — | — | — | 02 | — | — | — | — | — | — | — | 15 |
| 2 | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 | 07 |
| 3 | 05 | — | — | — | — | 01 | 02 | — | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 02 |
| 5 | 08 | — | 02 | 03 | — | 01 | 01 | 01 | 01 | 02 | 01 | 01 | 01 | — | — | 02 | 07 | 11 | 12 | 29 | 04 | 03 | — | — | 90 |
| 6 | 01 | 02 | 01 | — | 01 | 03 | 02 | 01 | 02 | — | — | — | — | — | — | — | 01 | — | 01 | — | — | — | 01 | — | 16 |
| 7 | — | — | — | — | 02 | 05 | 06 | 01 | 01 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 16 |
| 8 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | 01 | 02 | 03 | 01 | | 10 |
| 9 | — | — | — | — | — | 01 | — | — | — | 01 | 01 | — | — | — | — | — | — | 01 | 02 | — | — | — | — | — | 06 |
| 10 | — | 01 | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | 05 |
| 11 | — | — | — | — | — | — | — | — | — | 02 | — | 01 | 02 | 01 | 02 | — | — | — | — | — | — | — | — | 01 | 09 |
| 12 | 02 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 04 |
| 13 | — | 01 | 03 | 03 | 03 | — | 01 | — | — | — | 02 | 09 | 01 | — | — | — | — | — | — | — | — | — | — | — | 23 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 26 |
| 16 | — | — | — | 01 | — | — | — | — | — | — | — | 01 | 21 | 04 | — | — | — | — | — | — | — | — | — | — | 07 |
| | | | | | | | | | | | | | — | 01 | 01 | — | — | — | 02 | 01 | 01 | — | — | — | |
| 17 | — | — | 05 | 02 | 03 | 02 | — | — | — | — | — | 01 | — | 03 | — | — | — | — | — | — | — | — | — | 01 | 17 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | 02 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | 03 | 07 | 06 | 13 | 20 | 52 |
| 22 | 24 | 34 | 15 | 01 | 02 | 01 | — | — | — | — | 01 | — | — | — | 02 | 01 | — | — | 01 | — | — | — | — | 01 | 83 |
| 23 | — | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 02 | 06 | 02 | — | — | 01 | 15 |
| 24 | 02 | — | 01 | 01 | 04 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11 |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | — | — | 02 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | 08 | 17 | 17 | 14 | 09 | 07 | 06 | — | — | — | — | — | — | — | — | — | — | 78 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | — | — | 02 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 33 |
| 30 | — | — | 05 | — | — | — | 01 | 12 | 10 | 03 | — | — | — | — | — | — | 06 | — | 01 | — | — | — | — | — | 26 |
| 31 | — | 01 | — | — | — | 01 | — | — | 01 | — | 04 | 03 | 02 | 07 | 01 | — | — | — | 01 | — | — | — | 01 | — | 07 |
| | | | | | | | | | | | | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | |
| Sum ... | 42 | 40 | 38 | 13 | 16 | 18 | 14 | 25 | 42 | 31 | 24 | 26 | 38 | 24 | 08 | 08 | 12 | 19 | 21 | 40 | 15 | 11 | 18 | 32 | 3·75 |
| Average 1871–1905. | ·202 | ·185 | ·225 | ·200 | ·217 | ·219 | ·226 | ·220 | ·175 | ·181 | ·150 | ·161 | ·178 | ·168 | ·151 | ·136 | ·147 | ·152 | ·157 | ·166 | ·155 | ·152 | ·147 | ·181 | 4·253 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

## VALENCIA. TABLE V.—Duration of Bright Sunshine in Hours. MARCH, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | ·7 | ·7 | ·3 | ·2 | ·1 | ·6 | ·3 | — | — | — | — | — | 2·9 | An unsettled day, with fair intervals; ▲, ✳, and ● showers. |
| 2 | — | — | — | — | — | — | — | ·05 | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | 4·55 | Showery to fair. |
| 3 | — | — | — | — | — | ·1 | — | ·8 | ·7 | ·7 | ·6 | ·9 | ·5 | — | — | — | — | 4·3 | Showery at first; then fair to dull. |
| 4 | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·7 | ·7 | 1·0 | ·1 | — | — | — | 7·9 | ⌙, ⊂⊃, fine to fair. |
| 5 | — | — | — | — | — | — | ·2 | ·1 | — | — | — | — | — | — | — | — | — | 0·3 | ●, ≋, nearly all day; 🌂 at 24h. |
| 6 | — | — | — | — | ·1 | ·2 | ·5 | ·5 | ·8 | 1·0 | 1·0 | ·7 | — | — | — | — | — | 4·8 | Heavy squalls and ● showers, with fairer intervals, all day. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Misty day, with drizzling rain. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | ·2 | ·2 | ·1 | — | — | — | 0·5 | Dull, ●⁰ showers. |
| 9 | — | — | — | — | ·3 | ·2 | ·5 | ·2 | ·4 | ·8 | ·9 | ·5 | — | — | — | — | — | 3·8 | Squally and unsettled looking; ●⁰, ▲⁰. |
| 10 | — | — | — | — | ·3 | ·6 | ·8 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | ·1 | — | — | — | 7·4 | Squally to fair; ●⁰ and ▲⁰ showers. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ●⁰, ≋⁰. |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy day, but good visibility. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, ●, dull and gloomy. |
| 14 | — | — | — | — | — | ·1 | ·2 | ·6 | ·9 | ·7 | ·7 | 1·0 | 1·0 | ·8 | — | — | — | 6·0 | Dull at first, finer later. [afternoon. |
| 15 | — | — | — | — | — | — | ·2 | — | — | — | ·2 | ·9 | 1·0 | ·5 | — | — | — | 2·8 | Dull morning, and ●² at 13h.; finer in |
| 16 | — | — | — | ·1 | ·6 | ·7 | ·7 | ·7 | ·8 | ·5 | ·3 | — | — | — | — | — | — | 4·4 | Fair till about 14h., then ●⁰ occasionally. |
| 17 | — | — | — | — | ·6 | ·6 | ·7 | ·7 | 1·0 | ·5 | ·1 | ·1 | ·7 | ·1 | — | — | — | 5·1 | ● 3h. to 6h., then fair to showery. |
| 18 | — | — | — | — | — | — | — | ·3 | — | — | ·3 | ·2 | ·6 | ·9 | — | — | — | 2·3 | A.M. dull, clearing later; fine evening. |
| 19 | — | — | — | ·4 | ·7 | ·9 | ·9 | 1·0 | 1·0 | ·3 | ·7 | — | — | — | — | — | — | 5·9 | ⌙, ⊂⊃, fine. |
| 20 | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·2 | — | — | — | — | 8·3 | ⌙, ⊂⊃, fine day. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day; ●² 🌂 at night. [looking in evening. |
| 22 | — | — | — | — | ·6 | ·3 | ·5 | ·9 | 1·0 | 1·0 | 1·0 | ·3 | ·2 | ·05 | — | — | — | 5·85 | ●² early, then misty to fine; unsettled |
| 23 | — | — | — | ·5 | ·8 | ·2 | 1·0 | ·8 | ·4 | ·2 | — | — | — | — | — | — | — | 3·9 | ●⁰ at first, then fair till about 14h.; |
| 24 | — | — | — | — | — | — | — | — | — | — | — | ·1 | ·9 | 1·0 | ·1 | — | — | 2·1 | Dull day, clearing about 16h. [gloomy |
| 25 | — | — | — | ·8 | 1·0 | 1·0 | ·7 | ·4 | ·1 | — | — | — | — | — | — | — | — | 4·0 | ⌙, fair to showery. [later with ●. |
| 26 | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | ·5 | — | — | — | — | 8·3 | ⌙, fine day, becoming dull in evening. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day, with ●²; Ш in evening. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and misty all day. |
| 29 | — | — | — | — | — | — | — | ·5 | ·9 | 1·0 | 1·0 | ·6 | ·2 | ·6 | — | — | — | 4·8 | Overcast, ●, and ≋⁰ till 10h., then fair on |
| 30 | — | — | — | — | — | — | — | — | — | — | ·4 | ·3 | ·7 | ·5 | — | — | — | 1·9 | A.M. dull; P.M. squally; ●. [the whole 🌂. |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull morning, ●⁰, ≋⁰; improving in [afternoon. |
| | — | — | — | 2·4 | 7·8 | 8·6 | 10·6 | 11·75 | 12·3 | 11·4 | 12·5 | 10·0 | 9·5 | 5·15 | 0·1 | — | — | 102·1 | Total. |
| | — | — | 0·17 | 4·51 | 10·44 | 12·76 | 13·63 | 14·48 | 14·44 | 13·89 | 13·33 | 12·20 | 10·73 | 5·51 | 0·55 | — | — | 126·63 | Mean Total, 1881–1905. |

## TABLE VI.

VALENCIA. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MARCH, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 36·9 | 37·9 | 39·1 | 38·7 | 38·2 | 37·8 | 38·7 | 38·6 | 38·8 | 38·7 | 38·4 | 38·7 | 41·7 | 38·8 | 41·9 | 42·8 | 43·1 | 43·1 | 42·2 | 41·9 | 41·9 | 41·8 | 41·2 | 41·1 | 40·2 | |
| 2 | 41·1 | 41·0 | 40·8 | 40·4 | 39·8 | 38·7 | 39·2 | 38·4 | 37·9 | 37·5 | 38·8 | 39·3 | 41·1 | 41·9 | 42·4 | 43·5 | 42·5 | 41·8 | 40·7 | 39·4 | 39·6 | 38·1 | 40·8 | 39·7 | 38·2 | 40·1 |
| 3 | 38·2 | 39·1 | 39·3 | 39·8 | 39·4 | 39·9 | 41·5 | 39·7 | 40·6 | 41·7 | 41·2 | 42·6 | 43·0 | 43·9 | 44·0 | 44·4 | 44·1 | 43·9 | 43·5 | 43·3 | 42·6 | 41·6 | 41·6 | 40·9 | 41·6 | 41·7 |
| 4 | 41·6 | 39·7 | 38·5 | 38·8 | 37·5 | 36·9 | 34·8 | 34·0 | 32·2 | 32·9 | 36·5 | 39·5 | 41·9 | 42·8 | 43·9 | 43·0 | 43·7 | 43·5 | 41·7 | 40·1 | 38·4 | 39·9 | 40·1 | 40·4 | 39·6 | 39·2 |
| 5 | 39·6 | 37·9 | 38·5 | 38·5 | 39·3 | 39·5 | 39·3 | 39·9 | 40·8 | 42·0 | 43·8 | 44·7 | 45·3 | 45·2 | 44·6 | 44·3 | 44·3 | 41·7 | 41·3 | 41·4 | 42·2 | 45·3 | 46·4 | 45·5 | 45·7 | 42·3 |
| 6 | 45·7 | 41·3 | 40·4 | 41·8 | 42·4 | 42·6 | 41·7 | 41·5 | 42·9 | 40·8 | 43·9 | 44·8 | 43·7 | 45·8 | 44·5 | 45·5 | 44·4 | 42·8 | 44·2 | 43·7 | 42·7 | 41·7 | 43·8 | 43·8 | 44·5 | 43·2 |
| 7 | 44·5 | 44·4 | 43·9 | 43·7 | 43·2 | 42·6 | 41·8 | 41·6 | 41·7 | 42·5 | 45·3 | 48·7 | 48·7 | 49·2 | 49·3 | 49·7 | 49·3 | 49·2 | 49·2 | 48·9 | 49·6 | 50·2 | 50·4 | 50·7 | 50·7 | 46·7 |
| 8 | 50·7 | 50·9 | 50·6 | 50·2 | 49·7 | 50·4 | 50·5 | 50·7 | 50·7 | 50·7 | 50·7 | 51·5 | 51·1 | 51·4 | 51·4 | 50·7 | 51·4 | 48·3 | 47·4 | 46·4 | 46·5 | 46·8 | 45·3 | 45·4 | 45·2 | 49·4 |
| 9 | 45·2 | 44·3 | 43·8 | 43·3 | 42·6 | 42·9 | 41·4 | 41·1 | 40·2 | 43·9 | 43·1 | 44·7 | 41·7 | 43·9 | 43·8 | 45·8 | 46·3 | 44·7 | 42·6 | 40·9 | 44·8 | 44·8 | 45·3 | 45·2 | 44·2 | 43·7 |
| 10 | 44·2 | 44·7 | 43·9 | 43·1 | 43·4 | 44·4 | 45·0 | 44·8 | 44·6 | 44·8 | 44·9 | 43·7 | 46·5 | 46·8 | 46·1 | 46·9 | 45·7 | 44·9 | 44·4 | 42·8 | 43·7 | 43·7 | 43·5 | 43·1 | 43·2 | 44·6 |
| 11 | 43·2 | 42·7 | 42·9 | 42·7 | 41·6 | 39·7 | 39·6 | 39·1 | 38·7 | 40·3 | 42·5 | 43·7 | 44·3 | 44·2 | 44·3 | 44·3 | 44·6 | 44·5 | 43·8 | 43·5 | 42·9 | 42·9 | 42·8 | 42·8 | 42·9 | 42·6 |
| 12 | 42·9 | 42·8 | 42·5 | *42·3* | *42·1* | *42·0* | *41·9* | 41·7 | 42·2 | 42·8 | 44·6 | 46·3 | 47·7 | 48·6 | 48·3 | 48·4 | 47·5 | 46·5 | 45·4 | 44·8 | 44·6 | 44·5 | 44·9 | 44·9 | 44·9 | 44·6 |
| 13 | 44·9 | 45·0 | 44·6 | 44·8 | 44·6 | 44·8 | 44·8 | 45·2 | 45·2 | 45·9 | 47·8 | 48·4 | 48·6 | 47·9 | 47·9 | 47·2 | 46·5 | 47·2 | 47·1 | 45·8 | 45·4 | 45·9 | 45·6 | 44·9 | 44·7 | 46·1 |
| 14 | 44·7 | 44·2 | 44·3 | 44·9 | 44·7 | 44·4 | 43·8 | 44·5 | 44·5 | 45·4 | 46·1 | 46·9 | 46·9 | 47·0 | 47·1 | 47·2 | 46·7 | 46·7 | 45·7 | 44·6 | 43·2 | 43·2 | 43·0 | 40·8 | 39·7 | 37·9 |
| 15 | 37·9 | 36·8 | 34·7 | 34·1 | 33·3 | 32·7 | 33·2 | 35·9 | 37·7 | 42·4 | 42·7 | 45·9 | 46·2 | 42·4 | 43·2 | 45·5 | 46·3 | 45·3 | 44·6 | 44·5 | 43·3 | 43·7 | 42·8 | 44·0 | 43·2 | 40·9 |
| 16 | 43·2 | 43·7 | 43·3 | 43·0 | 43·1 | 41·1 | 40·2 | 39·7 | 41·9 | 44·3 | 45·6 | 46·4 | 47·1 | 47·6 | 45·3 | 45·7 | 46·3 | 46·5 | 45·1 | 44·6 | 43·9 | 43·9 | 44·2 | 44·0 | 43·1 | 44·2 |
| 17 | 43·1 | 43·7 | 43·5 | 43·9 | 43·9 | 43·9 | 44·6 | 45·4 | 45·3 | 46·2 | 47·3 | 47·9 | 47·9 | 48·0 | 48·2 | 47·4 | 47·0 | 47·3 | 46·6 | 46·8 | 46·2 | 45·8 | 46·3 | 45·7 | 45·7 | 46·0 |
| 18 | 45·7 | 45·7 | 44·8 | 44·8 | 43·5 | 44·5 | 43·5 | 43·5 | 43·6 | 44·7 | 45·7 | 46·1 | 44·6 | 45·8 | 42·2 | 43·9 | 44·9 | 45·1 | 44·3 | 43·7 | 42·6 | 41·9 | 41·3 | 40·9 | 38·5 | 43·9 |
| 19 | 38·5 | 37·9 | 37·1 | 36·9 | 36·8 | 36·9 | 37·3 | 38·7 | 40·9 | 42·9 | 44·9 | 46·1 | 46·9 | 46·1 | 45·9 | 46·3 | 46·2 | 44·9 | 43·6 | 42·5 | 41·1 | 40·1 | 38·3 | 37·0 | 37·2 | 40·6 |
| 20 | 37·2 | 36·9 | 36·7 | 35·9 | 35·7 | 35·9 | 35·7 | 33·4 | 32·9 | 36·5 | 39·1 | 42·6 | 44·1 | 44·8 | 45·1 | 44·5 | 45·7 | 44·9 | 43·5 | 43·6 | 41·6 | 42·5 | 41·5 | 41·7 | 41·8 | 40·2 |
| 21 | 41·8 | 42·4 | 42·7 | 43·1 | 43·5 | 44·0 | 44·5 | 44·7 | 44·9 | 44·5 | 44·4 | 45·5 | 46·7 | 48·6 | 47·7 | 47·6 | 47·8 | 47·0 | 47·1 | 47·5 | 46·7 | 46·7 | 46·4 | 46·8 | 46·8 | 45·6 |
| 22 | 46·8 | 47·4 | 47·5 | 46·8 | 45·4 | 45·1 | 45·1 | 44·4 | 46·4 | 46·9 | 48·6 | 47·9 | 50·5 | 49·8 | 50·9 | 50·3 | 47·6 | 47·7 | 47·9 | 47·1 | 46·3 | 46·1 | 46·6 | 46·6 | 44·8 | 47·3 |
| 23 | 44·8 | 45·2 | 44·4 | 45·5 | 45·5 | 44·7 | 45·4 | 43·4 | 44·4 | 47·5 | 47·0 | 49·7 | 50·3 | 51·4 | 51·6 | 50·3 | 49·1 | 48·2 | 47·2 | 47·6 | 47·8 | 48·8 | 49·3 | 49·8 | 50·2 | 47·6 |
| 24 | 50·2 | 50·0 | 48·7 | 47·9 | 47·5 | 47·5 | 45·8 | 45·9 | 45·5 | 45·7 | 47·5 | 47·7 | 47·9 | 47·7 | 47·6 | 46·3 | 45·9 | 46·8 | 45·8 | 44·9 | 43·8 | 42·8 | 41·7 | 40·8 | 39·7 | 46·1 |
| 25 | 39·7 | 37·0 | 36·3 | 34·4 | 35·0 | 33·0 | 33·7 | 34·4 | 36·9 | 43·3 | 45·7 | 47·1 | 47·9 | 48·7 | 48·3 | 49·0 | 47·6 | 47·3 | 46·5 | 46·3 | 45·3 | 44·5 | 44·8 | 44·3 | 44·1 | 42·5 |
| 26 | 44·1 | 42·8 | 41·4 | 41·7 | 40·4 | 38·6 | 37·2 | 37·7 | 37·4 | 42·4 | 46·5 | 48·7 | 49·2 | 50·3 | 50·1 | 50·4 | 49·7 | 48·7 | 47·5 | 46·0 | 45·6 | 45·7 | 45·7 | 45·9 | 46·2 | 44·8 |
| 27 | 46·2 | 46·6 | 46·7 | 46·9 | 46·9 | 47·2 | 47·0 | 47·4 | 47·6 | 47·8 | 48·4 | 48·9 | 42·7 | 41·6 | 41·2 | 41·9 | 44·1 | 43·9 | 43·7 | 42·3 | 42·7 | 42·7 | 41·9 | 41·8 | 41·8 | 44·8 |
| 28 | 41·8 | 42·3 | 42·3 | 39·7 | 41·3 | 41·6 | 43·1 | 44·1 | 45·3 | 45·9 | 46·5 | 47·0 | 47·8 | 47·9 | 48·4 | 48·5 | 48·4 | 48·6 | 48·8 | 48·0 | 48·8 | 49·0 | 48·9 | 49·0 | 49·0 | 46·1 |
| 29 | 49·0 | 49·1 | 49·1 | 49·0 | 48·9 | 48·8 | 49·0 | 49·4 | 45·8 | 45·3 | 44·2 | 44·5 | 45·8 | 46·0 | 45·8 | 45·7 | 45·6 | 44·5 | 44·0 | 41·7 | 41·7 | 40·3 | 41·6 | 40·9 | 40·7 | 45·4 |
| 30 | 40·7 | 41·9 | 41·6 | 40·4 | 41·6 | 42·0 | 42·0 | 44·2 | 46·2 | 46·8 | 47·0 | 46·8 | 48·0 | 49·1 | 50·0 | 50·3 | 49·1 | 48·5 | 48·1 | 46·0 | 44·6 | 45·4 | 43·5 | 44·2 | 42·4 | 45·4 |
| 31 | 42·4 | 43·7 | 42·4 | 44·2 | 44·8 | 43·8 | 43·1 | 42·8 | 44·2 | 42·4 | 43·6 | 43·9 | 44·1 | 44·8 | 45·7 | 45·9 | 46·9 | 45·9 | 44·1 | 44·0 | 44·4 | 43·3 | 41·5 | 41·4 | 42·2 | 43·9 |
| Mean ... | 43·1 | 42·9 | 42·5 | 42·3 | 42·1 | 41·9 | 41·8 | 41·8 | 42·2 | 43·3 | 44·5 | 45·6 | 46·1 | 46·4 | 46·4 | 46·6 | 46·4 | 45·8 | 45·0 | 44·4 | 44·0 | 44·0 | 43·9 | 43·6 | 43·3 | 44·0 |
| Mean, 1871–1905. | 43·9 | 43·8 | 43·6 | 43·4 | 43·3 | 43·2 | 43·0 | 43·1 | 43·5 | 44·7 | 45·7 | 46·8 | 47·5 | 48·1 | 48·2 | 48·3 | 48·0 | 47·5 | 46·7 | 45·7 | 45·1 | 44·8 | 44·4 | 44·2 | 43·9 | 45·2 |

## TABLE VII.

VALENCIA. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MARCH, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 84 | 76 | 75 | 77 | 77 | 76 | 70 | 74 | 73 | 77 | 77 | 82 | 73 | 90 | 74 | 73 | 69 | 71 | 76 | 75 | 73 | 73 | 73 | 72 | 72 | 75·2 |
| 2 | 72 | 70 | 71 | 74 | 78 | 81 | 80 | 80 | 83 | 92 | 90 | 84 | 77 | 76 | 71 | 67 | 66 | 70 | 73 | 78 | 79 | 83 | 75 | 83 | 89 | 77·5 |
| 3 | 89 | 88 | 86 | 83 | 82 | 85 | 79 | 87 | 89 | 86 | 86 | 81 | 77 | 68 | 65 | 67 | 69 | 72 | 69 | 68 | 71 | 78 | 78 | 83 | 80 | 78·4 |
| 4 | 80 | 85 | 92 | 92 | 94 | 95 | 95 | 96 | 97 | 98 | 95 | 89 | 78 | 78 | 76 | 79 | 75 | 78 | 86 | 87 | 91 | 88 | 89 | 90 | 93 | 87·9 |
| 5 | 93 | 98 | 97 | 94 | 95 | 93 | 90 | 94 | 96 | 97 | 95 | 94 | 92 | 93 | 94 | 92 | 92 | 94 | 96 | 95 | 94 | 97 | 94 | 95 | 95 | 94·3 |
| 6 | 95 | 90 | 94 | 88 | 87 | 87 | 92 | 92 | 92 | 91 | 93 | 73 | 66 | 63 | 73 | 71 | 71 | 73 | 72 | 77 | 79 | 83 | 76 | 77 | 74 | 79·9 |
| 7 | 74 | 83 | 85 | 85 | 88 | 87 | 96 | 97 | 96 | 96 | 96 | 97 | 99 | 100 | 99 | 99 | 97 | 100 | 100 | 100 | 99 | 98 | 97 | 99 | 99 | 95·0 |
| 8 | 99 | 98 | 100 | 98 | 99 | 97 | 97 | 96 | 96 | 94 | 95 | 93 | 92 | 90 | 90 | 94 | 89 | 90 | 83 | 84 | 84 | 81 | 90 | 89 | 81 | 92·0 |
| 9 | 81 | 82 | 88 | 77 | 75 | 77 | 83 | 78 | 83 | 79 | 78 | 79 | 76 | 80 | 78 | 76 | 79 | 70 | 79 | 94 | 100 | 77 | 81 | 78 | 79 | 80 | 80·5 |
| 10 | 80 | 78 | 80 | 78 | 85 | 77 | 77 | 78 | 80 | 81 | 77 | 78 | 75 | 73 | 72 | 71 | 72 | 74 | 74 | 76 | 73 | 71 | 69 | 71 | 74 | 75·7 |
| 11 | 74 | 79 | 78 | 79 | 80 | 88 | 90 | 91 | 93 | 92 | 88 | 88 | 90 | 92 | 92 | 94 | 91 | 89 | 93 | 93 | 97 | 96 | 96 | 97 | 97 | 89·7 |
| 12 | 97 | 100 | 98 | *99* | *98* | *98* | *95* | 94 | 99 | 100 | 95 | 92 | 87 | 86 | 86 | 84 | 86 | 86 | 90 | 92 | 93 | 90 | 90 | 91 | 91 | 92·6 |
| 13 | 91 | 89 | 90 | 91 | 95 | 95 | 96 | 96 | 97 | 98 | 93 | 96 | 99 | 98 | 91 | 92 | 87 | 79 | 78 | 82 | 78 | 77 | 78 | 76 | 71 | 88·9 |
| 14 | 71 | 75 | 74 | 71 | 74 | 76 | 84 | 80 | 80 | 82 | 73 | 75 | 71 | 72 | 68 | 75 | 77 | 79 | 80 | 80 | 84 | 88 | 92 | 93 | 94 | 78·5 |
| 15 | 94 | 93 | 98 | 98 | 97 | 93 | 92 | 92 | 91· | 87 | 88 | 89 | 89 | 91 | 90 | 81 | 70 | 68 | 68 | 72 | 78 | 75 | 80 | 75 | 79 | 85·0 |
| 16 | 79 | 77 | 81 | 80 | 81 | 83 | 89 | 89 | 86 | 81 | 81 | 81 | 77 | 77 | 88 | 83 | 83 | 82 | 83 | 90 | 98 | 98 | 97 | 94 | 94 | 85·3 |
| 17 | 94 | 92 | 93 | 96 | 99 | 99 | 98 | 96 | 91 | 93 | 89 | 88 | 86 | 84 | 86 | 85 | 85 | 84 | 88 | 85 | 89 | 89 | 88 | 92 | 93 | 90·4 |
| 18 | 93 | 94 | 93 | 91 | 92 | 90 | 93 | 94 | 93 | 94 | 93 | 89 | 87 | 84 | 88 | 83 | 92 | 85 | 80 | 75 | 74 | 77 | 73 | 78 | 80 | 85·4 |
| 19 | 84 | 82 | 82 | 82 | 82 | 87 | 82 | 86 | 86 | 86 | 84 | 83 | 77 | 76 | 74 | 75 | 77 | 75 | 75 | 76 | 82 | 84 | 86 | 91 | 88 | 81·5 |
| 20 | 88 | 90 | 88 | 92 | 90 | 88 | 87 | 92 | 91 | 90 | 82 | 72 | 68 | 69 | 69 | 72 | 72 | 76 | 79 | 78 | 82 | 80 | 83 | 79 | 82 | 81·4 |
| 21 | 82 | 81 | 84 | 81 | 80 | 82 | 80 | 81 | 83 | 88 | 88 | 83 | 81 | 85 | 86 | 86 | 88 | 88 | 88 | 88 | 93 | 92 | 91 | 91 | 93 | 85·4 |
| 22 | 93 | 92 | 94 | 97 | 97 | 93 | 96 | 92 | 91 | 89 | 88 | 89 | 82 | 81 | 79 | 76 | 81 | 87 | 84 | 82 | 83 | 83 | 84 | 81 | 81 | 87·2 |
| 23 | 90 | 85 | 88 | 86 | 88 | 86 | 85 | 85 | 83 | 89 | 83 | 76 | 76 | 76 | 77 | 81 | 87 | 95 | 95 | 97 | 97 | 98 | 100 | 99 | 99 | 87·5 |
| 24 | 99 | 100 | 98 | 97 | 97 | 97 | 93 | 86 | 88 | 87 | 86 | 80 | 82 | 76 | 74 | 74 | 78 | 71 | 72 | 76 | 77 | 78 | 86 | 92 | 90 | 85·0 |
| 25 | 90 | 91 | 93 | 93 | 92 | 94 | 92 | 91 | 89 | 81 | 78 | 76 | 78 | 75 | 79 | 77 | 85 | 82 | 87 | 85 | 87 | 87 | 86 | 88 | 89 | 85·6 |
| 26 | 89 | 95 | 98 | 94 | 95 | 94 | 95 | 95 | 96 | 94 | 87 | 80 | 77 | 74 | 76 | 76 | 81 | 82 | 86 | 91 | 93 | 93 | 94 | 94 | 92 | 88·8 |
| 27 | 92 | 90 | 90 | 90 | 91 | 91 | 94 | 94 | 90 | 90 | 94 | 93 | 89 | 94 | 93 | 89 | 72 | 74 | 73 | 78 | 72 | 71 | 73 | 77 | 78 | 86·6 |
| 28 | 78 | 79 | 80 | 86 | 85 | 82 | 84 | 84 | 80 | 82 | 86 | 83 | 87 | 80 | 91 | 89 | 92 | 94 | 94 | 92 | 93 | 92 | 91 | 88 | 88 | 86·9 |
| 29 | 88 | 87 | 85 | 84 | 83 | 84 | 83 | 83 | 94 | 94 | 93 | 87 | 80 | 75 | 71 | 66 | 68 | 74 | 90 | 93 | 93 | 87 | 88 | 88 | 91 | 83·6 |
| 30 | 91 | 85 | 92 | 91 | 93 | 85 | 91 | 88 | 86 | 93 | 90 | 93 | 94 | 96 | 96 | 87 | 84 | 82 | 78 | 80 | 80 | 77 | 80 | 80 | 88 | 87·1 |
| 31 | 88 | 77 | 83 | 69 | 73 | 72 | 82 | 85 | 77 | 86 | 87 | 88 | 89 | 92 | 90 | 90 | 87 | 87 | 91 | 89 | 85 | 88 | 94 | 93 | 91 | 85·1 |
| Mean ... | 86·8 | 86·5 | 88·0 | 86·9 | 87·8 | 87·5 | 88·3 | 88·5 | 88·7 | 89·4 | 86·7 | 85·0 | 82·8 | 82·1 | 81·9 | 80·9 | 80·0 | 80·6 | 82·7 | 83·9 | 84·7 | 85·0 | 85·5 | 86·3 | 87·1 | 85·3 |
| Mean,* 1886–1905. | 86·4 | 86·5 | 86·7 | 87·0 | 86·9 | 87·1 | 87·1 | 87·4 | 86·6 | 84·5 | 82·5 | 80·0 | 78·6 | 77·4 | 77·4 | 77·2 | 77·9 | 79·2 | 80·7 | 83·2 | 84·5 | 84·7 | 85·4 | 85·7 | 86·3 | 83·4 |

* Mean for 10 years only—1892 omitted.

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. MARCH, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

ABERDEEN. DAILY EXTREMES OF PRESSURE AND TEMPERATURE. MARCH, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·659 | 9·385 | 40·8 | 33·8 | 9 | 8·665 | **8·357** | 45·5 | 38·5 | 17 | 9·899 | 9·821 | 40·5 | 35·9 | 25 | 0·058 | 9·978 | 41·7 | 39·9 |
| 2 | 9·700 | 9·576 | 40·0 | 33·9 | 10 | 9·557 | 8·665 | 42·0 | 38·2 | 18 | 9·996 | 9·840 | 39·9 | 32·0 | 26 | 0·054 | 9·981 | 43·0 | 39·9 |
| 3 | 9·743 | 9·679 | 40·9 | 35·7 | 11 | 9·815 | 9·557 | 44·7 | 33·9 | 19 | 9·996 | 9·906 | 38·9 | 31·3 | 27 | 9·984 | 9·591 | 46·2 | 36·4 |
| 4 | 9·800 | 9·730 | 40·0 | 33·5 | 12 | 9·932 | 9·813 | 42·2 | 35·6 | 20 | 9·926 | 9·797 | 37·9 | 28·8 | 28 | 9·711 | 9·519 | 48·9 | 34·0 |
| 5 | 9·791 | 9·526 | 38·7 | **28·0** | 13 | 0·054 | 9·932 | 43·8 | 34·4 | 21 | 9·828 | 9·741 | 41·6 | 28·2 | 29 | 9·525 | 9·277 | **49·4** | 36·5 |
| 6 | 9·526 | 9·431 | 40·8 | 35·7 | 14 | **0·145** | 0·050 | 41·0 | 31·9 | 22 | 9·741 | 9·338 | 44·3 | 38·6 | 30 | 9·457 | 8·649 | 46·1 | 34·8 |
| 7 | 9·559 | 9·452 | 40·0 | 32·4 | 15 | 0·130 | 9·901 | 42·9 | 28·4 | 23 | 9·828 | 9·406 | 48·5 | 41·5 | 31 | 9·386 | 8·626 | 45·2 | 36·1 |
| 8 | 9·553 | 8·600 | 44·3 | 31·0 | 16 | 9·914 | 9·856 | 41·3 | 36·3 | 24 | 9·981 | 9·822 | 46·1 | 40·9 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 42·8 | 34·7 |

## TABLE II.

ABERDEEN. PRESSURE IN ENGLISH INCHES, First figure omitted. MARCH, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·385 | 9·387 | 9·390 | 9·387 | 9·408 | 9·426 | 9·442 | 9·467 | 9·506 | 9·515 | 9·546 | 9·569 | 9·594 | 9·605 | 9·624 | 9·630 | 9·639 | 9·648 | 9·649 | 9·658 | 9·649 | 9·636 | 9·622 | 9·610 | 9·607 | 9·546 |
| 2 | 9·607 | 9·697 | 9·609 | 9·604 | 9·601 | 9·606 | 9·617 | 9·613 | 9·611 | 9·606 | 9·594 | 9·592 | 9·592 | 9·581 | 9·584 | 9·579 | 9·595 | 9·617 | 9·644 | 9·661 | 9·684 | 9·693 | 9·698 | 9·698 | 9·700 | 9·622 |
| 3 | 9·700 | 9·695 | 9·688 | 9·682 | 9·680 | 9·683 | 9·679 | 9·680 | 9·685 | 9·689 | 9·700 | 9·705 | 9·707 | 9·705 | 9·699 | 9·695 | 9·709 | 9·710 | 9·724 | 9·739 | 9·736 | 9·740 | 9·739 | 9·739 | 9·739 | 9·705 |
| 4 | 9·739 | 9·749 | 9·736 | 9·732 | 9·730 | 9·739 | 9·744 | 9·753 | 9·759 | 9·766 | 9·776 | 9·789 | 9·797 | 9·795 | 9·793 | 9·790 | 9·789 | 9·786 | 9·791 | 9·792 | 9·793 | 9·794 | 9·799 | 9·794 | 9·791 | 9·773 |
| 5 | 9·791 | 9·789 | 9·786 | 9·777 | 9·777 | 9·771 | 9·769 | 9·767 | 9·766 | 9·769 | 9·766 | 9·756 | 9·745 | 9·733 | 9·720 | 9·699 | 9·679 | 9·662 | 9·647 | 9·628 | 9·613 | 9·580 | 9·558 | 9·530 | 9·526 | 9·706 |
| 6 | 9·526 | 9·504 | 9·478 | 9·458 | 9·446 | 9·435 | 9·434 | 9·434 | 9·449 | 9·445 | 9·443 | 9·440 | 9·437 | 9·434 | 9·435 | 9·432 | 9·437 | 9·441 | 9·456 | 9·467 | 9·477 | 9·483 | 9·484 | 9·485 | 9·481 | 9·455 |
| 7 | 9·481 | 9·477 | 9·472 | 9·463 | 9·461 | 9·459 | 9·457 | 9·458 | 9·458 | 9·459 | 9·460 | 9·460 | 9·467 | 9·474 | 9·482 | 9·479 | 9·504 | 9·512 | 9·520 | 9·530 | 9·541 | 9·549 | 9·546 | 9·554 | 9·553 | 9·490 |
| 8 | 9·553 | 9·536 | 9·514 | 9·495 | 9·482 | 9·465 | 9·425 | 9·400 | 9·354 | 9·331 | 9·286 | 9·257 | 9·222 | 9·198 | 9·157 | 9·117 | 9·072 | 9·025 | 8·978 | 8·919 | 8·855 | 8·808 | 8·732 | 8·664 | 8·600 | 9·182 |
| 9 | 8·600 | 8·521 | 8·433 | 8·377 | 8·362 | 8·378 | 8·395 | 8·407 | 8·415 | 8·420 | 8·435 | 8·446 | 8·455 | 8·466 | 8·470 | 8·478 | 8·488 | 8·491 | 8·501 | 8·505 | 8·520 | 8·542 | 8·584 | 8·625 | 8·665 | 8·473 |
| 10 | 8·665 | 8·698 | 8·728 | 8·759 | 8·791 | 8·823 | 8·860 | 8·893 | 8·938 | 8·979 | 9·032 | 9·074 | 9·126 | 9·172 | 9·220 | 9·258 | 9·296 | 9·332 | 9·376 | 9·407 | 9·442 | 9·471 | 9·500 | 9·534 | 9·557 | 9·118 |
| 11 | 9·557 | 9·573 | 9·589 | 9·600 | 9·607 | 9·617 | 9·628 | 9·642 | 9·657 | 9·666 | 9·675 | 9·685 | 9·696 | 9·706 | 9·714 | 9·716 | 9·725 | 9·749 | 9·761 | 9·767 | 9·777 | 9·788 | 9·798 | 9·807 | 9·815 | 9·693 |
| 12 | 9·815 | 9·822 | 9·827 | 9·831 | 9·837 | 9·839 | 9·842 | 9·848 | 9·860 | 9·870 | 9·868 | 9·871 | 9·874 | 9·872 | 9·878 | 9·879 | 9·882 | 9·894 | 9·900 | 9·899 | 9·908 | 9·909 | 9·920 | 9·926 | 9·932 | 9·872 |
| 13 | 9·932 | 9·942 | 9·942 | 9·943 | 9·949 | 9·958 | 9·967 | 9·977 | 9·989 | 9·997 | 9·999 | 0·003 | 0·010 | 0·011 | 0·014 | 0·014 | 0·017 | 0·016 | 0·023 | 0·030 | 0·033 | 0·037 | 0·045 | 0·054 | 0·053 | 9·998 |
| 14 | 0·053 | 0·055 | 0·054 | 0·054 | 0·062 | 0·067 | 0·076 | 0·091 | 0·100 | 0·107 | 0·115 | 0·116 | 0·124 | 0·137 | 0·127 | 0·126 | 0·126 | 0·129 | 0·145 | 0·141 | 0·141 | 0·140 | 0·141 | 0·137 | 0·130 | 0·108 |
| 15 | 0·130 | 0·121 | 0·117 | 0·103 | 0·091 | 0·083 | 0·073 | 0·066 | 0·060 | 0·056 | 0·049 | 0·034 | 0·015 | 0·000 | 9·975 | 9·965 | 9·954 | 9·947 | 9·949 | 9·940 | 9·931 | 9·923 | 9·915 | 9·907 | 9·901 | 0·012 |
| 16 | 9·901 | 9·893 | 9·878 | 9·866 | 9·859 | 9·859 | 9·865 | 9·873 | 9·885 | 9·886 | 9·897 | 9·904 | 9·903 | 9·906 | 9·909 | 9·909 | 9·904 | 9·906 | 9·908 | 9·911 | 9·909 | 9·911 | 9·908 | 9·903 | 9·899 | 9·894 |
| 17 | 9·899 | 9·880 | 9·869 | 9·845 | 9·831 | 9·825 | 9·826 | 9·828 | 9·833 | 9·832 | 9·835 | 9·834 | 9·841 | 9·835 | 9·837 | 9·836 | 9·834 | 9·839 | 9·850 | 9·862 | 9·869 | 9·874 | 9·875 | 9·873 | 9·878 | 9·848 |
| 18 | 9·878 | 9·867 | 9·865 | 9·848 | 9·849 | 9·842 | 9·859 | 9·858 | 9·865 | 9·873 | 9·882 | 9·885 | 9·892 | 9·895 | 9·900 | 9·909 | 9·915 | 9·931 | 9·945 | 9·963 | 9·977 | 9·987 | 9·994 | 9·995 | 9·996 | 9·905 |
| 19 | 9·996 | 9·989 | 9·985 | 9·980 | 9·978 | 9·976 | 9·976 | 9·980 | 9·985 | 9·992 | 9·983 | 9·979 | 9·972 | 9·967 | 9·953 | 9·942 | 9·936 | 9·930 | 9·935 | 9·934 | 9·929 | 9·926 | 9·915 | 9·906 | 9·906 | 9·960 |
| 20 | 9·906 | 9·902 | 9·886 | 9·871 | 9·863 | 9·857 | 9·861 | 9·859 | 9·854 | 9·855 | 9·853 | 9·843 | 9·837 | 9·827 | 9·815 | 9·802 | 9·800 | 9·798 | 9·808 | 9·816 | 9·826 | 9·830 | 9·831 | 9·828 | 9·825 | 9·841 |
| 21 | 9·825 | 9·819 | 9·815 | 9·814 | 9·812 | 9·805 | 9·814 | 9·816 | 9·823 | 9·825 | 9·828 | 9·819 | 9·817 | 9·819 | 9·817 | 9·806 | 9·801 | 9·796 | 9·802 | 9·802 | 9·800 | 9·789 | 9·776 | 9·763 | 9·741 | 9·807 |
| 22 | 9·741 | 9·720 | 9·694 | 9·658 | 9·630 | 9·608 | 9·589 | 9·575 | 9·551 | 9·533 | 9·502 | 9·477 | 9·448 | 9·419 | 9·394 | 9·369 | 9·355 | 9·347 | 9·352 | 9·357 | 9·366 | 9·372 | 9·382 | 9·396 | 9·406 | 9·486 |
| 23 | 9·406 | 9·424 | 9·436 | 9·446 | 9·456 | 9·470 | 9·496 | 9·524 | 9·556 | 9·570 | 9·607 | 9·622 | 9·649 | 9·660 | 9·692 | 9·704 | 9·726 | 9·733 | 9·760 | 9·781 | 9·803 | 9·813 | 9·822 | 9·828 | 9·827 | 9·633 |
| 24 | 9·827 | 9·828 | 9·828 | 9·823 | 9·828 | 9·823 | 9·836 | 9·848 | 9·854 | 9·852 | 9·858 | 9·864 | 9·884 | 9·893 | 9·894 | 9·895 | 9·900 | 9·909 | 9·931 | 9·947 | 9·962 | 9·968 | 9·978 | 9·980 | 9·980 | 9·887 |
| 25 | 9·980 | 9·982 | 9·982 | 9·

**ABERDEEN.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 29 | 9 | 28 | 10 | 28 | 11 | 30 | 7 | 6 | 12 | 30 | 8 | 1 | 10 | 5 | 11 | 30 | 7 | 1 | 10 | 32 | 10 | 32 | 10 |
| 2 | 29 | 11 | 28 | 8 | 29 | 7 | 29 | 10 | 28 | 7 | 30 | 8 | 28 | 9 | 29 | 12 | 29 | 10 | 28 | 12 | 30 | 13 | 31 | 13 |
| 3 | 32 | 10 | 1 | 11 | 2 | 12 | 2 | 10 | 1 | 11 | 4 | 16 | 4 | 15 | 5 | 18 | 6 | 19 | 5 | 18 | 5 | 15 | 4 | 15 |
| 4 | 14 | 8 | 8 | 5 | 12 | 8 | 12 | 6 | 16 | 4 | — | 2 | — | 3 | — | 2 | 13 | 7 | 13 | 12 | 15 | 10 | 14 | 10 |
| 5 | — | 3 | 24 | 4 | 24 | 4 | 24 | 4 | — | 3 | 24 | 4 | 22 | 4 | — | 3 | 24 | 4 | — | 2 | 16 | 5 | 16 | 6 |
| 6 | 15 | 9 | 14 | 10 | 14 | 12 | 14 | 15 | 13 | 15 | 13 | 16 | 13 | 17 | 13 | 18 | 13 | 17 | 12 | 15 | 12 | 17 | 12 | 17 |
| 7 | 32 | 4 | 30 | 6 | 30 | 6 | 30 | 6 | 30 | 6 | 28 | 9 | 28 | 9 | 29 | 10 | 27 | 11 | 28 | 13 | 28 | 16 | 28 | 18 |
| 8 | — | 2 | — | 2 | 23 | 4 | — | 2 | — | 3 | 17 | 4 | 17 | 4 | 16 | 6 | 14 | 9 | 14 | 12 | 15 | 11 | 16 | 10 |
| 9 | 14 | 15 | 14 | 13 | 20 | 5 | 26 | 9 | 21 | 8 | 22 | 11 | 22 | 7 | 22 | 12 | 21 | 9 | 22 | 10 | 23 | 11 | 24 | 13 |
| 10 | 31 | 11 | 30 | 10 | 29 | 10 | 29 | 10 | 30 | 12 | 30 | 9 | 31 | 9 | 31 | 10 | 2 | 13 | 4 | 15 | 5 | 14 | 6 | 18 |
| 11 | 29 | 6 | 28 | 8 | 28 | 7 | 28 | 4 | 28 | 8 | 28 | 9 | 27 | 11 | 27 | 13 | 28 | 13 | 27 | 16 | 28 | 16 | 28 | 18 |
| 12 | 26 | 5 | 26 | 8 | 27 | 10 | 26 | 9 | 26 | 8 | 27 | 9 | 27 | 8 | 27 | 10 | 27 | 15 | 27 | 15 | 27 | 15 | 27 | 17 |
| 13 | 27 | 7 | 27 | 7 | 25 | 7 | 26 | 9 | 26 | 9 | 26 | 9 | 26 | 6 | 26 | 7 | 26 | 7 | 27 | 9 | 28 | 7 | 30 | 4 |
| 14 | — | 3 | — | 1 | — | 2 | — | 3 | — | 0 | — | 2 | 19 | 4 | 19 | 4 | — | 3 | — | 2 | — | 2 | 13 | 5 |
| 15 | 28 | 4 | 24 | 4 | 24 | 5 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | 17 | 4 | 18 | 4 |
| 16 | — | 2 | — | 2 | — | 3 | 16 | 4 | 17 | 4 | 17 | 6 | 16 | 7 | 15 | 7 | 16 | 7 | 15 | 9 | 15 | 8 | 15 | 9 |
| 17 | 16 | 4 | 18 | 4 | 16 | 7 | 16 | 7 | 16 | 7 | 15 | 7 | 15 | 7 | 15 | 6 | 15 | 8 | 15 | 7 | 14 | 13 | 15 | 10 |
| 18 | 19 | 4 | 19 | 4 | 19 | 6 | 19 | 5 | 19 | 6 | — | 3 | — | 3 | — | 2 | — | 2 | 18 | 4 | 17 | 4 | 16 | 5 |
| 19 | 26 | 7 | 26 | 6 | 26 | 6 | — | 2 | 26 | 4 | 26 | 5 | 26 | 5 | 26 | 5 | 26 | 5 | 31 | 5 | 12 | 7 | 13 | 6 |
| 20 | 12 | 5 | — | 2 | — | 2 | 19 | 4 | — | 3 | 23 | 4 | 23 | 4 | 23 | 4 | — | 2 | — | 2 | 23 | 4 | — | 2 |
| 21 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 17 | 4 | 17 | 5 | 16 | 7 | 15 | 9 |
| 22 | 14 | 15 | 14 | 12 | 14 | 13 | 13 | 15 | 13 | 17 | 13 | 18 | 13 | 18 | 13 | 20 | 13 | 21 | 13 | 18 | 13 | 20 | 13 | 21 |
| 23 | 14 | 13 | 14 | 13 | 14 | 12 | 14 | 13 | 14 | 12 | 14 | 10 | 14 | 10 | 14 | 10 | 15 | 10 | 15 | 8 | 15 | 10 | 15 | 10 |
| 24 | 17 | 5 | 17 | 4 | 17 | 6 | 16 | 5 | 16 | 7 | 16 | 7 | 17 | 7 | 16 | 8 | 16 | 9 | 16 | 9 | 17 | 10 | 16 | 8 |
| 25 | 13 | 11 | 13 | 10 | 13 | 11 | 13 | 10 | 13 | 10 | 12 | 11 | 13 | 11 | 13 | 12 | 13 | 13 | 13 | 12 | 13 | 12 | 14 | 13 |
| 26 | 13 | 13 | 13 | 12 | 13 | 14 | 12 | 11 | 13 | 12 | 13 | 13 | 13 | 12 | 13 | 12 | 13 | 12 | 14 | 12 | 14 | 12 | 14 | 12 |
| 27 | 15 | 10 | 16 | 10 | 15 | 10 | 16 | 10 | 16 | 11 | 15 | 12 | 16 | 13 | 15 | 13 | 16 | 16 | 16 | 15 | 16 | 15 | 15 | 18 |
| 28 | — | 2 | — | 1 | 28 | 4 | — | 3 | — | 2 | 25 | 4 | 25 | 4 | — | 3 | 19 | 4 | 18 | 7 | 17 | 9 | 19 | 10 |
| 29 | 17 | 18 | 16 | 13 | 16 | 12 | 18 | 20 | 18 | 15 | 15 | 14 | 17 | 18 | 16 | 18 | 17 | 20 | 15 | 13 | 16 | 14 | 17 | 18 |
| 30 | 20 | 14 | 20 | 13 | 21 | 15 | 20 | 13 | 20 | 11 | 18 | 11 | 19 | 11 | 20 | 18 | 20 | 18 | 19 | 16 | 19 | 20 | 19 | 18 |
| 31 | 21 | 19 | 20 | 15 | 22 | 19 | 24 | 26 | 25 | 33 | 26 | 37 | 25 | 26 | 24 | 20 | 24 | 18 | 24 | 18 | 24 | 21 | 24 | 21 |
| Mean ... | — | 8 | — | 7 | — | 8 | — | 8 | — | 9 | — | 9 | — | 9 | — | 10 | — | 10 | — | 10 | — | 11 | — | 12 |
| Mean, 1881-1905. | — | 9·3 | — | 9·2 | — | 9·3 | — | 9·2 | — | 9·4 | — | 9·3 | — | 9·7 | — | 10·0 | — | 10·8 | — | 11·1 | — | 11·8 | — | 12·3 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**ABERDEEN.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. MARCH, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | 04 | 02 | — | — | 05 | — | — | — | — | — | 01 | — | — | — | — | 04 | — | 01 | 01 | 01 | — | 19 |
| 2 | — | — | — | — | — | — | — | — | 01 | — | — | 02 | 01 | 04 | 04 | 03 | 01 | 01 | — | — | — | — | — | — | 17 |
| 3 | — | — | — | — | — | — | 01 | — | — | — | — | — | 02 | — | 01 | — | — | — | 05 | — | — | — | — | — | 20 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | 04 | 01 | 39 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 | — | — | — | — | 13 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 02 | 02 | 01 | 03 | 02 | 04 | 16 |
| 7 | 04 | 04 | 03 | 03 | 03 | 01 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 21 |
| 8 | — | — | — | — | — | — | — | 02 | 04 | 02 | — | — | — | 01 | 01 | 02 | 03 | 02 | — | — | 01 | 03 | 01 | — | 22 |
| 9 | — | 05 | — | 01 | 01 | — | — | — | — | 01 | — | — | — | — | — | — | 01 | 01 | 02 | 01 | 02 | 01 | — | — | 16 |
| 10 | — | — | — | — | 01 | — | — | 02 | — | 01 | 01 | 01 | — | — | — | — | — | 04 | 01 | — | 01 | — | 01 | 02 | 15 |
| 11 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 06 | — | — | — | — | — | — | — | 09 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | — | 03 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | 05 | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 21 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 01 | 02 | 03 | 03 | 11 |
| 23 | — | 01 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 23 |
| 25 | 02 | 03 | 02 | 02 | 01 | 04 | 04 | 03 | 04 | 03 | 03 | 06 | 04 | 01 | 01 | — | — | — | 03 | 02 | 02 | 02 | 06 | 03 | 02 | 43 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 05 | 14 | 10 | 06 | 06 | 04 | 46 |
| 28 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 19 |
| 31 | — | — | — | — | 01 | — | — | — | — | — | — | — | 01 | — | 04 | 02 | — | — | 03 | 09 | 05 | 02 | — | — | — | 08 |
| Sum ... | 08 | 13 | 05 | 12 | 09 | 05 | 07 | 13 | 10 | 08 | 04 | 09 | 16 | 08 | 12 | 10 | 13 | 16 | 31 | 32 | 21 | 22 | 21 | 16 | 5·05 |
| Average 1871-1905. | ·088 | ·092 | ·092 | ·094 | ·105 | ·112 | ·106 | ·104 | ·149 | ·150 | ·086 | ·080 | ·097 | ·086 | ·095 | ·099 | ·096 | ·108 | ·090 | ·089 | ·082 | ·075 | ·081 | ·087 | 2·343 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. MARCH, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 2 | 13 | 3 | 10 | 32 | 6 | 32 | 8 | 1 | 10 | 30 | 8 | 31 | 11 | 28 | 10 | 29 | 10 | 28 | 12 | 28 | 10 | 28 | 9 | 10 | 1 |
| 29 | 12 | 2 | 12 | 32 | 10 | 32 | 9 | 32 | 5 | 5 | 11 | 6 | 12 | 32 | 8 | 32 | 8 | 32 | 10 | 32 | 10 | 1 | 11 | 10 | 2 |
| 5 | 16 | 4 | 14 | 7 | 15 | 7 | 13 | 8 | 14 | 10 | 14 | 9 | 7 | — | 3 | 12 | 5 | 13 | 4 | — | 2 | 13 | 7 | 12 | 3 |
| 13 | 7 | 11 | 5 | 11 | 12 | 15 | 8 | 13 | 4 | 10 | 4 | — | 2 | 10 | 4 | 15 | 4 | 23 | 4 | 22 | 4 | — | 3 | 6 | 4 |
| 16 | 7 | 17 | 7 | 15 | 7 | 16 | 6 | 16 | 10 | 15 | 9 | 15 | 10 | 17 | 10 | 15 | 12 | 15 | 10 | 15 | 10 | 15 | 12 | 7 | 5 |
| 11 | 18 | 11 | 18 | 10 | 16 | 8 | 15 | 8 | 15 | 8 | 18 | 8 | 17 | 8 | 15 | 8 | 12 | 8 | 13 | 6 | 10 | 4 | 7 | 15 | 6 |
| 28 | 16 | 28 | 18 | 29 | 14 | 30 | 12 | 30 | 10 | 30 | 7 | 27 | 9 | 26 | 8 | 25 | 6 | 25 | 5 | — | 3 | — | 3 | 9 | 7 |
| 17 | 6 | 16 | 7 | 15 | 6 | 15 | 4 | 15 | 4 | — | 3 | 15 | 4 | 16 | 5 | 15 | 7 | 14 | 13 | 14 | 14 | 15 | 12 | 6 | 8 |
| 24 | 12 | 24 | 17 | 22 | 15 | 23 | 14 | 22 | 13 | 23 | 12 | 25 | 15 | 26 | 17 | 29 | 13 | 30 | 12 | 32 | 11 | 31 | 10 | 12 | 9 |
| 5 | 18 | 5 | 15 | 5 | 16 | 3 | 12 | 5 | 12 | 5 | 15 | 6 | 15 | 3 | 10 | 7 | 12 | 7 | 11 | 5 | 5 | 1 | 6 | 12 | 10 |
| 27 | 18 | 27 | 13 | 27 | 11 | 29 | 12 | 31 | 8 | 27 | 7 | 27 | 6 | 27 | 5 | 27 | 5 | 27 | 6 | — | 3 | 26 | 6 | 10 | 11 |
| 28 | 12 | 29 | 15 | 27 | 11 | 27 | 12 | 27 | 11 | 28 | 7 | 28 | 7 | 27 | 9 | 27 | 10 | 27 | 12 | 27 | 10 | 27 | 7 | 11 | 12 |
| 26 | 4 | 15 | 5 | 16 | 4 | 16 | 5 | 17 | 4 | 18 | 7 | 17 | 4 | 17 | 4 | 17 | 4 | 18 | 5 | 18 | 4 | 18 | 5 | 6 | 13 |
| — | 3 | 20 | 4 | — | 2 | 20 | 5 | 6 | 4 | — | 3 | 6 | 4 | 6 | 4 | 32 | 4 | 32 | 5 | 31 | 5 | — | 2 | 3 | 14 |
| 16 | 5 | 15 | 8 | 16 | 6 | 17 | 6 | 16 | 6 | 16 | 4 | 16 | 5 | 16 | 4 | — | 3 | — | 3 | 16 | 4 | — | 3 | 4 | 15 |
| 16 | 8 | 14 | 10 | 14 | 9 | 15 | 9 | 15 | 7 | 15 | 8 | 16 | 6 | 16 | 7 | 16 | 7 | 16 | 6 | 16 | 5 | 18 | 4 | 6 | 16 |
| 14 | 11 | 15 | 9 | 15 | 9 | 15 | 7 | 19 | 7 | 18 | 4 | 17 | 4 | 16 | 4 | 16 | 4 | 19 | 6 | 19 | 4 | 19 | 4 | 7 | 17 |
| 16 | 6 | 16 | 7 | 16 | 4 | 16 | 5 | 16 | 4 | 16 | 4 | 16 | 4 | — | 2 | 24 | 5 | — | 3 | 24 | 4 | 26 | 5 | 4 | 18 |
| 12 | 6 | 11 | 5 | 12 | 4 | 12 | 5 | 12 | 4 | 11 | 6 | 10 | 4 | 10 | 4 | 10 | 7 | — | 2 | 11 | 6 | 12 | 7 | 5 | 19 |
| 23 | 5 | 10 | 5 | 10 | 6 | 11 | 6 | 12 | 5 | 13 | 4 | 13 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 20 |
| 15 | 10 | 16 | 8 | 15 | 9 | 15 | 10 | 15 | 8 | 15 | 7 | 14 | 10 | 15 | 11 | 15 | 11 | 14 | 11 | 14 | 11 | 14 | 13 | 7 | 21 |
| 13 | 20 | 13 | 21 | 13 | 22 | 13 | 26 | 13 | 22 | 13 | 22 | 13 | 26 | 13 | 25 | 13 | 24 | 13 | 22 | 14 | 21 | 14 | 17 | 20 | 22 |
| 16 | 10 | 15 | 10 | 16 | 7 | 16 | 7 | 15 | 7 | 16 | 5 | 19 | 4 | 19 | 4 | — | 2 | — | 2 | — | 3 | 17 | 5 | 8 | 23 |
| 17 | 6 | 16 | 4 | 16 | 5 | 15 | 7 | 14 | 7 | 14 | 4 | 14 | 4 | 14 | 5 | 14 | 8 | 14 | 8 | 14 | 10 | 14 | 10 | 7 | 24 |
| 13 | 14 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 14 | 13 | 25 |
| 14 | 12 | 15 | 10 | 15 | 9 | 15 | 9 | 14 | 10 | 15 | 8 | 16 | 7 | 15 | 8 | 15 | 10 | 15 | 10 | 15 | 9 | 15 | 10 | 11 | 26 |
| 15 | 16 | 16 | 13 | 16 | 12 | 16 | 12 | 18 | 10 | 17 | 12 | 17 | 11 | 17 | 7 | 28 | 8 | 28 | 10 | 28 | 7 | 28 | 5 | 12 | 27 |
| 17 | 11 | 20 | 18 | 19 | 17 | 17 | 17 | 17 | 12 | 18 | 14 | 17 | 17 | 17 | 17 | 18 | 12 | 17 | 16 | 16 | 15 | 15 | 16 | 10 | 28 |
| 16 | 18 | 17 | 15 | 18 | 13 | 19 | 16 | 20 | 17 | 21 | 15 | 20 | 13 | 21 | 11 | 21 | 14 | 20 | 15 | 20 | 13 | 20 | 13 | 15 | 29 |
| 18 | 17 | 17 | 14 | 17 | 14 | 15 | 13 | 15 | 15 | 15 | 18 | 14 | 20 | 14 | 24 | 15 | 21 | 15 | 15 | 15 | 17 | 17 | 15 | 16 | 30 |
| 23 | 21 | 24 | 16 | 27 | 21 | 24 | 15 | 25 | 14 | 24 | 12 | 24 | 12 | 24 | 10 | 24 | 12 | 25 | 15 | 24 | 12 | 24 | 12 | 19 | 31 |
| — | 12 | — | 11 | — | 11 | — | 10 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 8 | — | 8 | 9 | Mean, 1881-1905. |
| — | 12·3 | — | 12·2 | — | 12·1 | — | 11·6 | — | 10·6 | — | 10·9 | — | 9·5 | — | 9·2 | — | 9·2 | — | 9·2 | — | 9·2 | — | 9·3 | 10·3 | |

**ABERDEEN.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. MARCH, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | ·2 | ·8 | ·7 | ·4 | ·2 | ·1 | ·2 | — | — | — | — | 2·6 | Cloudy generally; ●°, ✳°. |
| 2 | — | — | — | — | ·5 | ·5 | ·3 | ·2 | — | — | — | — | — | — | — | — | — | 1·5 | Cloudy to dull; sleet, ●, ✳°, intermittent. |
| 3 | — | — | — | — | — | ·1 | ·2 | ·6 | ·3 | ·7 | ·1 | — | — | — | — | — | — | 2·0 | Cloudy to dull, with ▲° and ●° showers. |
| 4 | — | — | — | — | ·1 | ·5 | ·6 | ·8 | ·3 | ·7 | ·5 | — | ·1 | — | — | — | — | 3·6 | Sleet and ● early, ≈° and △° showers |
| 5 | — | — | — | — | — | — | ·7 | 1·0 | ·5 | ·1 | — | — | — | — | — | — | — | 2·3 | ⌓; fine to overcast; fine ⊕. [later. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy; ●° and ▲° in evening. [fine. |
| 7 | — | — | — | — | ·1 | ·2 | ·8 | ·7 | ·8 | 1·0 | 1·0 | ·9 | ·4 | — | — | — | — | 5·9 | ● and sleet showers till 8h., then fair to |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, ● showers; ≈° on land; ≈ at sea. |
| 9 | — | — | — | — | — | — | ·2 | ·5 | ·7 | ·7 | ·1 | — | — | — | — | — | — | 2·2 | Overcast day, brightening after 12h.; ●. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·2 | Dull and showery; ▲ 22h.–24h. |
| 11 | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·9 | 1·0 | ·2 | — | — | — | — | 8·0 | Fine till about 16h., then cloudy and ●. [showers. |
| 12 | — | — | — | — | ·1 | ·5 | ·4 | 1·0 | ·9 | ·9 | ·5 | 1·0 | ·6 | ·3 | — | — | — | 6·2 | Cloudy and bright alternately; △° |
| 13 | — | — | — | — | — | ·9 | 1·0 | 1·0 | 1·0 | ·8 | — | ·1 | — | — | — | — | — | 4·8 | Bright to cloudy, then dull. [then clearing. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | A.M. ≈°; dull and very gloomy; ●°, △°, |
| 15 | — | — | — | — | — | ·1 | ·5 | ·2 | ·1 | ·8 | ·6 | — | — | — | — | — | — | 2·3 | ⌓, ≈°; cloudy to fair. |
| 16 | — | — | — | — | — | ·8 | ·9 | ·1 | ·9 | ·6 | — | — | — | — | — | — | — | 3·3 | ≈° cloudy to dull; ●° in afternoon. [night. |
| 17 | — | — | — | — | — | — | — | — | — | ·5 | 1·0 | ·6 | — | — | — | — | — | 2·1 | A.M. dull with ●°; clearing later to fine |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≈°, ●°, dull and gloomy; cleared about 17h. |
| 19 | — | — | — | — | ·1 | — | ·8 | ·6 | ·7 | — | — | — | — | — | — | — | — | 2·2 | Bright early, with ✳° showers; dull P.M. |
| 20 | — | — | — | — | — | — | — | ·1 | ·3 | ·7 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | 4·4 | Cloudy, with ✳° showers early, then clear. |
| 21 | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | 8·4 | ⌓, ≈°, early, then fine and bright. [with ●. |
| 22 | — | — | — | — | — | ·4 | ·9 | ·7 | — | ·4 | ·6 | ·1 | — | — | — | — | — | 3·1 | Bright early, then dull; evening squally, |
| 23 | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | ·9 | — | ·4 | — | — | — | 4·7 | ●°, ≈°, early, then fair. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | A.M. cloudy; P.M. dull and wet. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● till after 15h. |
| 26 | — | — | — | ·1 | — | ·3 | ·8 | ·4 | ·4 | — | — | — | — | — | — | — | — | 2·0 | A.M. cloudy; P.M. overcast. |
| 27 | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | 0·2 | Cloudy to dull, with ≈°, and ●° after 18h. |
| 28 | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | ·5 | — | — | — | — | 9·1 | Fine day, squally in afternoon. |
| 29 | — | — | — | — | — | — | — | ·1 | — | ·6 | — | — | — | ·4 | ·3 | — | — | 1·4 | Dull and squally and ●°; clear night. |
| 30 | — | — | ·2 | ·3 | 1·0 | 1·0 | 1·0 | ·7 | 1·0 | ·8 | ·2 | ·1 | — | — | — | — | — | 6·3 | Bright to overcast; ●, ⸗, in evening. |
| 31 | — | — | — | — | — | ·2 | ·4 | ·6 | ·9 | ·8 | 1·0 | ·5 | ·5 | ·5 | — | — | — | 5·4 | Bright to cloudy, ⸗, and ●°, ▲°, △°, [showers. |
| | — | — | 0·3 | 1·6 | 4·0 | 8·4 | 12·1 | 13·9 | 13·2 | 14·1 | 10·6 | 8·3 | 5·0 | 2·4 | 0·3 | — | — | 94·2 | Total. |
| | — | — | 0·15 | 3·26 | 8·77 | 11·49 | 13·03 | 13·11 | 12·97 | 12·36 | 12·17 | 11·16 | 9·20 | 4·39 | 0·33 | — | — | 112·40 | Mean Total, 1881-1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MARCH, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35°9 | 35°2 | 35°4 | 35°1 | 35°4 | 34°9 | 33°9 | 34°7 | 34°2 | 35°3 | 37°2 | 37°4 | 39°2 | 40°1 | 38°0 | 37°7 | 38°2 | 37°7 | 36°4 | 34°8 | 35°6 | 36°3 | 35°2 | 35°4 | 34°8 | 36°2 |
| 2 | 34°8 | 35°8 | 34°4 | 34°8 | 35°0 | 33°9 | 35°4 | 34°5 | 36°6 | 36°4 | 38°2 | 38°9 | 39°5 | 38°1 | 35°9 | 36°6 | 36°2 | 35°9 | 37°5 | 38°2 | 37°0 | 37°0 | 37°5 | 37°4 | 38°0 | 36°5 |
| 3 | 38°0 | 37°8 | 37°9 | 38°2 | 38°5 | 38°3 | 39°7 | 39°5 | 39°6 | 39°7 | 37°2 | 38°8 | 40°0 | 38°8 | 40°0 | 39°8 | 39°0 | 39°2 | 38°8 | 37°6 | 36°6 | 38°4 | 38°7 | 37°8 | 37°2 | 38°6 |
| 4 | 37°2 | 35°9 | 35°5 | 38°0 | 37°9 | 34°0 | 34°4 | 34°8 | 35°4 | 38°5 | 39°6 | 38°3 | 38°9 | 38°8 | 39°4 | 37°6 | 37°2 | 37°4 | 37°2 | 37°3 | 36°8 | 34°7 | 34°6 | 33°9 | 36°8 | |
| 5 | 33°9 | 34°2 | 33°5 | 33°0 | 31°3 | 31°2 | 30°8 | 28°4 | 29°6 | 28°8 | 31°7 | 35°5 | 36°9 | 37°2 | 37°4 | 37°6 | 37°0 | 38°6 | 38°1 | 38°4 | 36°6 | 37°8 | 38°6 | 39°4 | 39°1 | 35°0 |
| 6 | 39°1 | 39°1 | 39°0 | 39°4 | 39°8 | 40°0 | 40°1 | 39°9 | 40°2 | 40°2 | 40°4 | 40°5 | 40°4 | 40°6 | 40°7 | 40°7 | 40°8 | 40°4 | 39°2 | 38°2 | 36°8 | 37°0 | 36°2 | 36°2 | 35°7 | 39°3 |
| 7 | 35°7 | 35°0 | 34°0 | 33°8 | 33°8 | 33°6 | 33°6 | 33°7 | 34°0 | 34°7 | 35°6 | 36°9 | 38°2 | 38°1 | 38°5 | 39°3 | 38°9 | 38°4 | 36°5 | 35°6 | 35°0 | 34°7 | 34°2 | 33°2 | 32°4 | 35°6 |
| 8 | 32°4 | 32°0 | 31°4 | 31°9 | 31°3 | 32°6 | 34°2 | 35°5 | 36°8 | 38°8 | 38°9 | 39°6 | 40°0 | 40°4 | 40°7 | 41°0 | 41°2 | 41°2 | 41°4 | 42°6 | 43°0 | 43°3 | 43°6 | 43°8 | 38°4 | |
| 9 | 43°8 | 43°6 | 42°4 | 39°8 | 38°8 | 39°0 | 40°0 | 39°8 | 39°8 | 39°8 | 40°9 | 41°4 | 43°1 | 44°3 | 45°2 | 44°6 | 42°7 | 41°8 | 40°9 | 40°4 | 40°4 | 40°6 | 40°6 | 41°0 | 41°1 | 41°4 |
| 10 | 41°1 | 41°2 | 41°9 | 41°8 | 41°4 | 41°0 | 40°2 | 41°3 | 41°1 | 41°6 | 40°9 | 41°4 | 40°8 | 40°3 | 41°0 | 41°0 | 41°7 | 41°7 | 38°9 | 39°5 | 40°2 | 40°7 | 40°6 | 39°2 | 38°5 | 40°9 |
| 11 | 38°5 | 36°2 | 35°2 | 34°6 | 34°3 | 34°0 | 34°8 | 35°0 | 36°3 | 38°3 | 40°5 | 42°6 | 42°2 | 43°0 | 42°8 | 43°6 | 44°7 | 40°2 | 39°7 | 39°2 | 37°8 | 38°4 | 38°8 | 39°2 | 39°2 | 38°8 |
| 12 | 39°2 | 39°0 | 38°8 | 38°4 | 38°0 | 37°6 | 36°9 | 36°9 | 37°1 | 38°2 | 38°7 | 39°8 | 41°0 | 40°0 | 41°6 | 38°8 | 41°3 | 38°8 | 37°9 | 37°9 | 37°0 | 36°2 | 36°3 | 36°1 | 35°7 | 38°3 |
| 13 | 35°7 | 36°2 | 36°2 | 35°8 | 35°5 | 34°8 | 34°8 | 35°2 | 36°0 | 37°0 | 39°0 | 40°8 | 42°8 | 43°0 | 42°4 | 41°7 | 41°8 | 41°3 | 40°7 | 40°3 | 39°8 | 39°7 | 39°6 | 39°5 | 39°3 | 38°8 |
| 14 | 39°3 | 39°2 | 38°0 | 36°8 | 36°0 | 37°8 | 36°3 | 35°9 | 36°4 | 37°9 | 39°8 | 40°2 | 40°6 | 37°7 | 39°7 | 40°6 | 39°8 | 38°8 | 38°2 | 37°0 | 35°8 | 34°0 | 33°0 | 32°4 | 31°9 | 37°4 |
| 15 | 31°0 | 31°9 | 31°7 | 30°9 | 30°0 | 29°3 | 29°0 | 31°1 | 32°9 | 34°9 | 37°5 | 40°1 | 41°7 | 42°5 | 42°2 | 41°5 | 40°1 | 39°8 | 39°5 | 39°2 | 38°7 | 38°9 | 38°3 | 38°2 | 38°1 | 36°5 |
| 16 | 38°1 | 37°9 | 37°6 | 37°6 | 37°2 | 36°7 | 36°7 | 37°1 | 37°9 | 38°7 | 39°6 | 40°0 | 41°0 | 41°0 | 40°0 | 39°8 | 38°6 | 38°2 | 37°8 | 37°4 | 37°5 | 37°7 | 37°3 | 37°0 | 36°4 | 38°2 |
| 17 | 36°4 | 37°2 | 37°0 | 37°7 | 37°5 | 37°8 | 37°8 | 38°0 | 38°2 | 38°8 | 37°2 | 37°5 | 38°9 | 39°7 | 39°9 | 40°2 | 39°2 | 38°4 | 37°7 | 38°0 | 38°2 | 38°4 | 38°0 | 37°1 | 35°9 | 38°1 |
| 18 | 35°9 | 35°7 | 35°6 | 35°8 | 36°3 | 36°4 | 36°6 | 36°4 | 36°8 | 37°1 | 37°5 | 38°2 | 38°5 | 39°3 | 39°6 | 39°6 | 39°9 | 39°1 | 38°0 | 37°4 | 35°9 | 33°4 | 34°2 | 32°0 | 32°6 | 36°8 |
| 19 | 32°0 | 31°6 | 32°0 | 32°7 | 33°4 | 32°9 | 32°8 | 32°2 | 33°1 | 34°5 | 35°0 | 36°9 | 37°0 | 37°5 | 37°9 | 37°8 | 37°9 | 37°7 | 37°0 | 35°8 | 35°4 | 36°3 | 35°5 | 36°3 | 35°7 | 35°1 |
| 20 | 35°7 | 33°3 | 33°3 | 32°3 | 31°8 | 30°4 | 30°6 | 29°4 | 30°4 | 32°2 | 32°9 | 34°2 | 36°3 | 36°4 | 37°0 | 37°7 | 37°7 | 37°6 | 36°9 | 36°1 | 34°9 | 33°4 | 33°1 | 32°4 | 31°0 | 33°9 |
| 21 | 31°0 | 30°8 | 30°0 | 29°2 | 28°4 | 29°2 | 28°6 | 28°5 | 31°2 | 35°7 | 38°3 | 39°8 | 40°8 | 41°3 | 41°6 | 41°3 | 40°8 | 40°7 | 39°7 | 39°2 | 39°0 | 39°4 | 38°7 | 38°7 | 38°7 | 36°1 |
| 22 | 38°7 | 39°0 | 39°4 | 38°9 | 39°4 | 39°8 | 39°8 | 40°0 | 40°3 | 40°4 | 41°8 | 42°6 | 42°2 | 43°0 | 43°5 | 43°4 | 43°1 | 42°8 | 42°7 | 41°9 | 41°1 | 41°7 | 41°6 | 41°7 | 41°6 | 41°3 |
| 23 | 41°6 | 41°7 | 41°7 | 41°7 | 41°6 | 41°7 | 41°6 | 41°9 | 42°0 | 42°7 | 43°3 | 44°8 | 46°7 | 48°0 | 47°4 | 47°6 | 47°0 | 47°0 | 45°1 | 44°6 | 43°4 | 42°8 | 42°7 | 43°7 | 42°2 | 43°0 |
| 24 | 42°2 | 41°4 | 41°0 | 41°3 | 41°6 | 41°9 | 41°8 | 42°2 | 43°4 | 44°6 | 45°1 | 45°3 | 45°0 | 45°6 | 45°0 | 45°8 | 45°3 | 44°3 | 43°4 | 43°0 | 42°8 | 42°8 | 42°7 | 42°1 | 41°7 | 43°2 |
| 25 | 41°7 | 41°5 | 41°1 | 41°1 | 41°0 | 41°2 | 41°2 | 41°4 | 41°6 | 41°5 | 41°2 | 41°2 | 41°2 | 41°0 | 40°2 | 40°0 | 40°7 | 40°9 | 40°5 | 40°5 | 40°5 | 40°4 | 40°3 | 40°4 | 40°4 | 40°9 |
| 26 | 40°4 | 40°4 | 40°4 | 40°3 | 40°0 | 39°9 | 40°1 | 40°7 | 40°9 | 41°5 | 42°3 | 41°9 | 42°2 | 41°9 | 42°2 | 42°1 | 42°2 | 41°9 | 41°3 | 41°2 | 40°7 | 40°4 | 40°4 | 40°6 | 40°7 | 41°1 |
| 27 | 40°7 | 40°9 | 41°0 | 40°9 | 40°8 | 40°7 | 40°6 | 40°8 | 41°4 | 42°7 | 43°0 | 44°0 | 44°8 | 45°5 | 45°7 | 46°2 | 45°2 | 44°5 | 43°9 | 43°1 | 42°8 | 39°8 | 38°9 | 36°9 | 36°4 | 42°2 |
| 28 | 36°4 | 36°3 | 36°7 | 36°6 | 35°7 | 34°8 | 34°0 | 35°4 | 37°4 | 40°1 | 41°8 | 44°2 | 46°0 | 47°8 | 48°8 | 47°4 | 47°4 | 46°8 | 45°1 | 44°5 | 43°9 | 43°8 | 43°8 | 44°4 | 44°7 | 41°8 |
| 29 | 44°7 | 44°5 | 44°7 | 45°5 | 49°2 | 49°3 | 49°2 | 46°8 | 46°8 | 46°5 | 46°3 | 46°3 | 47°0 | 48°1 | 46°9 | 46°6 | 46°0 | 44°9 | 43°9 | 41°2 | 38°8 | 37°8 | 37°5 | 36°7 | 37°0 | 44°6 |
| 30 | 37°0 | 35°8 | 35°4 | 35°8 | 35°4 | 35°6 | 34°9 | 36°8 | 39°0 | 41°4 | 42°7 | 42°9 | 44°3 | 46°0 | 45°6 | 44°5 | 44°5 | 44°0 | 42°0 | 41°0 | 41°2 | 42°1 | 42°2 | 42°4 | 42°8 | 40°6 |
| 31 | 42°8 | 42°6 | 41°9 | 42°0 | 40°8 | 39°5 | 38°8 | 38°8 | 40°4 | 40°5 | 42°8 | 43°0 | 43°8 | 40°7 | 43°0 | 45°2 | 37°6 | 41°2 | 39°4 | 38°1 | 37°9 | 37°7 | 37°3 | 37°8 | 37°8 | 40°5 |
| Mean ... | 37°8 | 37°5 | 37°2 | 37°2 | 37°0 | 36°8 | 36°7 | 36°9 | 37°6 | 38°7 | 39°6 | 40°5 | 41°3 | 41°5 | 41°6 | 41°6 | 41°1 | 40°7 | 39°8 | 39°3 | 38°7 | 38°6 | 38°4 | 38°2 | 37°9 | 38°9 |
| Mean, 1871–1905. | 38°1 | 37°9 | 37°7 | 37°6 | 37°3 | 37°2 | 37°1 | 37°4 | 38°2 | 39°5 | 40°7 | 41°7 | 42°4 | 42°9 | 43°0 | 42°9 | 42°5 | 41°8 | 40°9 | 40°1 | 39°5 | 39°0 | 38°7 | 38°4 | 38°2 | 39°6 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MARCH, 1908.

| | % 0. | % 1. | % 2. | % 3. | % 4. | % 5. | % 6. | % 7. | % 8. | % 9. | % 10. | % 11. | % Noon. | % 13. | % 14. | % 15. | % 16. | % 17. | % 18. | % 19. | % 20. | % 21. | % 22. | % 23. | % Midt. | % Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 90 | 86 | 87 | 90 | 92 | 92 | 92 | 88 | 93 | 92 | 86 | 86 | 82 | 80 | 87 | 89 | 85 | 82 | 85 | 88 | 91 | 86 | 88 | 90 | 90 | 87·8 |
| 2 | 90 | 86 | 88 | 90 | 88 | 90 | 87 | 89 | 83 | 89 | 87 | 82 | 80 | 89 | 89 | 91 | 93 | 89 | 82 | 90 | 77 | 81 | 81 | 80 | 78 | 75 | 85·5 |
| 3 | 75 | 75 | 73 | 76 | 74 | 77 | 72 | 77 | 78 | 80 | 87 | 86 | 84 | 89 | 83 | 86 | 88 | 82 | 82 | 90 | 90 | 87 | 84 | 90 | 86 | 82·1 |
| 4 | 86 | 94 | 88 | 83 | 84 | 95 | 93 | 93 | 92 | 79 | 76 | 86 | 82 | 83 | 82 | 88 | 85 | 80 | 85 | 77 | 87 | 88 | 92 | 91 | 91 | 86·3 |
| 5 | 91 | 91 | 92 | 92 | 90 | 89 | 88 | 93 | 88 | 93 | 87 | 77 | 71 | 81 | 81 | 81 | 82 | 79 | 82 | 81 | 91 | 87 | 81 | 78 | 81 | 84·8 |
| 6 | 81 | 82 | 85 | 85 | 83 | 80 | 79 | 77 | 73 | 72 | 72 | 76 | 75 | 77 | 72 | 74 | 76 | 79 | 84 | 87 | 90 | 88 | 89 | 91 | 92 | 80·5 |
| 7 | 92 | 94 | 93 | 93 | 93 | 94 | 93 | 93 | 92 | 91 | 89 | 84 | 86 | 85 | 81 | 84 | 83 | 87 | 87 | 76 | 74 | 72 | 74 | 72 | 86·4 | |
| 8 | 72 | 72 | 72 | 72 | 77 | 73 | 76 | 84 | 92 | 94 | 93 | 92 | 93 | 94 | 94 | 95 | 96 | 96 | 96 | 96 | 96 | 96 | 94 | 91 | 89 | 88·1 |
| 9 | 89 | 80 | 85 | 90 | 90 | 92 | 86 | 84 | 84 | 86 | 81 | 79 | 77 | 75 | 72 | 72 | 79 | 80 | 84 | 86 | 87 | 89 | 90 | 90 | 89 | 83·6 |
| 10 | 89 | 89 | 90 | 90 | 90 | 90 | 88 | 92 | 88 | 92 | 93 | 89 | 90 | 88 | 78 | 83 | 87 | 84 | 84 | 89 | 88 | 84 | 82 | 87 | 86 | 87·6 |
| 11 | 86 | 89 | 89 | 90 | 92 | 90 | 89 | 91 | 91 | 87 | 85 | 80 | 81 | 78 | 78 | 76 | 72 | 84 | 86 | 86 | 87 | 87 | 86 | 87 | 86 | 85·3 |
| 12 | 86 | 86 | 83 | 82 | 81 | 81 | 82 | 82 | 81 | 83 | 83 | 76 | 75 | 78 | 71 | 83 | 73 | 81 | 78 | 79 | 81 | 83 | 86 | 88 | 89 | 81·0 |
| 13 | 89 | 87 | 86 | 86 | 84 | 86 | 84 | 85 | 85 | 84 | 81 | 77 | 68 | 68 | 75 | 75 | 74 | 77 | 77 | 78 | 81 | 77 | 77 | 83 | 85 | 80·0 |
| 14 | 85 | 84 | 88 | 90 | 88 | 90 | 90 | 90 | 90 | 88 | 89 | 86 | 86 | 83 | 79 | 77 | 80 | 82 | 88 | 87 | 86 | 86 | 86 | 85 | 87 | 86·5 |
| 15 | 88 | 91 | 93 | 92 | 92 | 91 | 91 | 90 | 88 | 88 | 85 | 85 | 75 | 76 | 77 | 80 | 82 | 88 | 87 | 86 | 86 | 86 | 85 | 87 | 86 | 86·2 |
| 16 | 86 | 86 | 84 | 83 | 85 | 83 | 82 | 80 | 80 | 78 | 76 | 76 | 74 | 71 | 72 | 75 | 78 | 80 | 82 | 82 | 78 | 74 | 78 | 80 | 84 | 79·3 |
| 17 | 84 | 81 | 84 | 77 | 78 | 75 | 77 | 73 | 74 | 75 | 85 | 84 | 78 | 72 | 75 | 72 | 72 | 79 | 80 | 79 | 79 | 79 | 79 | 80 | 84 | 78·0 |
| 18 | 84 | 82 | 83 | 82 | 82 | 84 | 82 | 85 | 85 | 84 | 84 | 87 | 86 | 80 | 76 | 73 | 71 | 69 | 68 | 70 | 73 | 81 | 80 | 82 | 82 | 79·7 |
| 19 | 82 | 84 | 83 | 87 | 85 | 90 | 91 | 98 | 88 | 81 | 74 | 81 | 81 | 76 | 67 | 71 | 67 | 67 | 65 | 73 | 71 | 76 | 79 | 78 | 81 | 79·0 |
| 20 | 81 | 93 | 88 | 87 | 86 | 88 | 88 | 89 | 89 | 89 | 88 | 80 | 68 | 77 | 81 | 77 | 80 | 77 | 81 | 84 | 81 | 81 | 82 | 84 | 84 | 83·4 |
| 21 | 82 | 85 | 86 | 90 | 86 | 86 | 82 | 84 | 83 | 82 | 77 | 75 | 69 | 73 | 74 | 74 | 76 | 74 | 82 | 81 | 81 | 81 | 82 | 80 | 81 | 80·2 |
| 22 | 81 | 82 | 84 | 83 | 81 | 82 | 82 | 81 | 72 | 65 | 61 | 72 | 77 | 80 | 79 | 76 | 76 | 77 | 77 | 80 | 82 | 83 | 84 | 86 | 88 | 78·6 |
| 23 | 88 | 89 | 90 | 90 | 91 | 91 | 92 | 91 | 92 | 91 | 90 | 88 | 84 | 82 | 82 | 81 | 79 | 80 | 84 | 83 | 85 | 89 | 86 | 85 | 89 | 86·8 |
| 24 | 89 | 92 | 92 | 92 | 91 | 90 | 90 | 88 | 87 | 81 | 80 | 80 | 85 | 82 | 87 | 84 | 90 | 92 | 94 | 93 | 94 | 94 | 93 | 95 | 94 | 89·0 |
| 25 | 94 | 94 | 95 | 95 | 94 | 95 | 95 | 94 | 92 | 93 | 92 | 92 | 91 | 90 | 88 | 89 | 80 | 78 | 77 | 78 | 75 | 78 | 79 | 78 | 75 | 87·3 |
| 26 | 75 | 76 | 78 | 79 | 78 | 79 | 73 | 70 | 71 | 72 | 76 | 78 | 77 | 77 | 80 | 81 | 81 | 83 | 82 | 80 | 83 | 81 | 81 | 81 | 83 | 78·2 |
| 27 | 83 | 87 | 89 | 90 | 90 | 86 | 87 | 86 | 85 | 81 | 80 | 78 | 77 | 80 | 78 | 73 | 80 | 80 | 85 | 89 | 92 | 89 | 90 | 90 | 91 | 84·5 |
| 28 | 91 | 93 | 92 | 93 | 92 | 91 | 89 | 93 | 78 | 68 | 70 | 70 | 67 | 66 | 62 | 69 | 69 | 75 | 81 | 80 | 82 | 83 | 84 | 83 | 85 | 79·5 |
| 29 | 85 | 87 | 86 | 89 | 79 | 77 | 77 | 83 | 83 | 84 | 83 | 82 | 79 | 77 | 84 | 81 | 78 | 72 | 64 | 67 | 68 | 65 | 68 | 68 | 67 | 77·3 |
| 30 | 67 | 75 | 76 | 71 | 71 | 74 | 78 | 73 | 68 | 66 | 65 | 66 | 65 | 59 | 65 | 70 | 72 | 70 | 83 | 86 | 87 | 88 | 87 | 87 | 82 | 74·0 |
| 31 | 82 | 74 | 73 | 70 | 72 | 78 | 78 | 75 | 71 | 73 | 65 | 69 | 64 | 80 | 69 | 62 | 84 | 73 | 78 | 75 | 75 | 74 | 73 | 67 | 69 | 72·8 |
| Mean ... | 84·6 | 85·4 | 85·6 | 85·8 | 85·1 | 85·8 | 84·9 | 85·2 | 83·8 | 82·7 | 81·3 | 80·6 | 78·1 | 78·8 | 78·1 | 78·8 | 79·8 | 79·8 | 81·6 | 82·4 | 83·4 | 83·2 | 83·3 | 83·8 | 83·9 | 82·6 |
| Mean, 1886–1905. | 81·4 | 82·2 | 82·2 | 82·6 | 82·8 | 83·0 | 83·1 | 82·8 | 80·9 | 79·1 | 76·2 | 74·5 | 72·6 | 71·9 | 71·6 | 72·0 | 72·8 | 75·0 | 77·2 | 79·1 | 80·0 | 80·6 | 81·1 | 81·3 | 81·7 | 78·6 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. MARCH, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. MARCH, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·459 | 9·331 | 42·2 | 34·2 | 9 | 9·417 | 9·315 | 47·8 | 40·0 | 17 | 9·839 | 9·618 | 47·8 | 38·5 | 25 | 9·964 | 9·866 | 48·8 | 36·3 |
| 2 | 9·627 | 9·459 | 43·0 | 35·3 | 10 | 9·659 | 9·373 | 48·0 | 42·7 | 18 | 9·764 | 9·692 | 44·1 | 36·6 | 26 | 9·014 | 9·871 | 49·1 | 36·3 |
| 3 | 9·599 | 9·493 | 42·2 | 34·0 | 11 | 9·794 | 9·659 | 47·3 | 41·4 | 19 | 9·702 | 9·659 | 42·2 | 34·0 | 27 | 9·014 | 9·713 | 51·1 | 39·5 |
| 4 | 9·724 | 9·515 | 44·1 | 34·7 | 12 | 9·930 | 9·756 | 48·3 | 37·6 | 20 | 9·721 | 9·657 | 43·4 | 34·0 | 28 | 9·018 | 9·803 | 49·5 | 40·1 |
| 5 | 9·810 | 9·336 | 47·9 | **33·2** | 13 | 9·984 | 9·911 | 49·1 | 36·9 | 21 | 9·738 | 9·508 | 48·8 | 37·2 | 29 | 9·006 | 9·738 | 51·4 | 42·0 |
| 6 | 9·695 | 9·094 | 47·1 | 41·2 | 14 | 9·009 | 9·872 | 44·1 | 40·2 | 22 | 9·508 | **9·080** | **53·0** | 43·2 | 30 | 9·816 | 9·521 | 52·4 | 40·3 |
| 7 | 9·767 | 9·571 | 49·6 | 41·8 | 15 | **0·031** | 9·933 | 46·4 | 40·2 | 23 | 9·873 | 9·421 | 52·3 | 41·9 | 31 | 9·770 | 9·604 | 48·2 | 42·2 |
| 8 | 9·759 | 9·389 | 51·8 | 47·3 | 16 | 9·933 | 9·839 | 45·8 | 39·0 | 24 | 9·867 | 9·782 | 50·3 | 43·0 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 47·6 | 38·9 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. MARCH, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·425 | 9·393 | 9·375 | 9·357 | 9·359 | 9·351 | 9·343 | 9·339 | 9·359 | 9·369 | 9·369 | 9·379 | 9·403 | 9·385 | 9·375 | 9·369 | 9·369 | 9·371 | 9·371 | 9·377 | 9·393 | 9·411 | 9·435 | 9·443 | 9·459 | 9·381 |
| 2 | 9·459 | 9·465 | 9·473 | 9·479 | 9·493 | 9·505 | 9·529 | 9·533 | 9·551 | 9·559 | 9·583 | 9·585 | 9·593 | 9·599 | 9·593 | 9·591 | 9·597 | 9·603 | 9·609 | 9·611 | 9·627 | 9·619 | 9·613 | 9·607 | 9·599 | 9·564 |
| 3 | 9·599 | 9·591 | 9·573 | 9·555 | 9·543 | 9·527 | 9·517 | 9·507 | 9·503 | 9·493 | 9·505 | 9·519 | 9·515 | 9·515 | 9·509 | 9·515 | 9·515 | 9·519 | 9·535 | 9·533 | 9·521 | 9·521 | 9·519 | 9·521 | 9·527 | |
| 4 | 9·538 | 9·523 | 9·523 | 9·517 | 9·515 | 9·510 | 9·519 | 9·531 | 9·545 | 9·555 | 9·573 | 9·580 | 9·599 | 9·594 | 9·590 | 9·596 | 9·610 | 9·620 | 9·644 | 9·664 | 9·674 | 9·686 | 9·706 | 9·716 | 9·724 | 9·592 |
| 5 | 9·724 | 9·728 | 9·740 | 9·746 | 9·750 | 9·756 | 9·766 | 9·780 | 9·788 | 9·796 | 9·808 | 9·810 | 9·806 | 9·796 | 9·776 | 9·766 | 9·752 | 9·742 | 9·716 | 9·670 | 9·636 | 9·584 | 9·514 | 9·422 | 9·336 | 9·716 |
| 6 | 9·336 | 9·226 | 9·170 | 9·140 | 9·112 | 9·102 | 9·098 | 9·096 | 9·108 | 9·116 | 9·132 | 9·149 | 9·159 | 9·183 | 9·241 | 9·291 | 9·347 | 9·403 | 9·471 | 9·515 | 9·579 | 9·611 | 9·653 | 9·665 | 9·695 | 9·295 |
| 7 | 9·695 | 9·701 | 9·717 | 9·719 | 9·729 | 9·751 | 9·759 | 9·759 | 9·765 | 9·765 | 9·747 | 9·713 | 9·679 | 9·639 | 9·601 | 9·571 | 9·573 | 9·581 | 9·609 | 9·639 | 9·669 | 9·687 | 9·701 | 9·705 | 9·719 | 9·687 |
| 8 | 9·719 | 9·727 | 9·737 | 9·723 | 9·727 | 9·727 | 9·749 | 9·759 | 9·743 | 9·733 | 9·725 | 9·731 | 9·721 | 9·685 | 9·649 | 9·609 | 9·571 | 9·527 | 9·505 | 9·471 | 9·423 | 9·401 | 9·393 | 9·393 | 9·389 | 9·624 |
| 9 | 9·389 | 9·381 | 9·383 | 9·379 | 9·379 | 9·383 | 9·375 | 9·375 | 9·391 | 9·393 | 9·401 | 9·405 | 9·413 | 9·403 | 9·385 | 9·383 | 9·355 | 9·335 | 9·341 | 9·341 | 9·339 | 9·327 | 9·339 | 9·351 | 9·373 | 9·372 |
| 10 | 9·373 | 9·379 | 9·391 | 9·401 | 9·407 | 9·417 | 9·433 | 9·451 | 9·465 | 9·483 | 9·505 | 9·511 | 9·529 | 9·539 | 9·543 | 9·547 | 9·553 | 9·561 | 9·577 | 9·595 | 9·607 | 9·617 | 9·629 | 9·645 | 9·659 | 9·513 |
| 11 | 9·659 | 9·665 | 9·673 | 9·681 | 9·685 | 9·699 | 9·711 | 9·723 | 9·743 | 9·753 | 9·771 | 9·772 | 9·786 | 9·786 | 9·782 | 9·780 | 9·786 | 9·788 | 9·794 | 9·794 | 9·792 | 9·786 | 9·784 | 9·782 | 9·768 | 9·751 |
| 12 | 9·768 | 9·766 | 9·770 | 9·760 | 9·770 | 9·770 | 9·786 | 9·798 | 9·812 | 9·828 | 9·832 | 9·846 | 9·856 | 9·850 | 9·850 | 9·854 | 9·862 | 9·864 | 9·880 | 9·882 | 9·900 | 9·902 | 9·912 | 9·920 | 9·920 | 9·838 |
| 13 | 9·920 | 9·920 | 9·922 | 9·918 | 9·924 | 9·920 | 9·932 | 9·942 | 9·956 | 9·958 | 9·978 | 9·980 | 9·984 | 9·980 | 9·974 | 9·974 | 9·972 | 9·970 | 9·968 | 9·962 | 9·962 | 9·954 | 9·950 | 9·940 | 9·928 | 9·953 |
| 14 | 9·928 | 9·908 | 9·894 | 9·876 | 9·872 | 9·878 | 9·888 | 9·896 | 9·920 | 9·934 | 9·960 | 9·965 | 9·969 | 9·957 | 9·963 | 9·961 | 9·959 | 9·963 | 9·977 | 9·983 | 9·995 | 9·997 | 0·001 | 0·001 | 0·009 | 9·946 |
| 15 | 0·009 | 0·005 | 0·015 | 0·007 | 0·009 | 0·001 | 0·011 | 0·019 | 0·023 | 0·023 | 0·031 | 0·023 | 0·011 | 9·995 | 9·977 | 9·973 | 9·971 | 9·973 | 9·975 | 9·967 | 9·967 | 9·967 | 9·955 | 9·949 | 9·933 | 9·992 |
| 16 | 9·933 | 9·919 | 9·901 | 9·891 | 9·877 | 9·871 | 9·869 | 9·871 | 9·871 | 9·869 | 9·881 | 9·885 | 9·875 | 9·867 | 9·861 | 9·859 | 9·851 | 9·849 | 9·855 | 9·857 | 9·859 | 9·859 | 9·853 | 9·847 | 9·839 | 9·870 |
| 17 | 9·839 | 9·825 | 9·813 | 9·797 | 9·777 | 9·761 | 9·749 | 9·747 | 9·733 | 9·725 | 9·719 | 9·702 | 9·684 | 9·676 | 9·648 | 9·634 | 9·626 | 9·618 | 9·620 | 9·626 | 9·650 | 9·654 | 9·664 | 9·676 | 9·692 | 9·704 |
| 18 | 9·692 | 9·692 | 9·698 | 9·700 | 9·704 | 9·712 | 9·728 | 9·734 | 9·748 | 9·752 | 9·764 | 9·760 | 9·754 | 9·742 | 9·722 | 9·712 | 9·704 | 9·704 | 9·714 | 9·714 | 9·714 | 9·710 | 9·706 | 9·704 | 9·702 | 9·720 |
| 19 | 9·702 | 9·690 | 9·686 | 9·680 | 9·674 | 9·674 | 9·678 | 9·686 | 9·692 | 9·690 | 9·694 | 9·693 | 9·687 | 9·681 | 9·673 | 9·667 | 9·659 | 9·661 | 9·669 | 9·675 | 9·679 | 9·683 | 9·689 | 9·685 | 9·683 | 9·681 |
| 20 | 9·683 | 9·677 | 9·667 | 9·661 | 9·659 | 9·659 | 9·665 | 9·667 | 9·671 | 9·675 | 9·681 | 9·679 | 9·679 | 9·673 | 9·665 | 9·663 | 9·663 | 9·669 | 9·679 | 9·689 | 9·709 | 9·715 | 9·721 | 9·721 | 9·717 | 9·680 |
| 21 | 9·717 | 9·713 | 9·713 | 9·705 | 9·707 | 9·707 | 9·713 | 9·723 | 9·731 | 9·735 | 9·737 | 9·736 | 9·738 | 9·730 | 9·722 | 9·706 | 9·698 | 9·690 | 9·676 | 9·664 | 9·658 | 9·634 | 9·598 | 9·560 | 9·508 | 9·692 |
| 22 | 9·508 | 9·456 | 9·404 | 9·346 | 9·302 | 9·244 | 9·176 | 9·114 | 9·080 | 9·098 | 9·134 | 9·137 | 9·145 | 9·141 | 9·157 | 9·171 | 9·193 | 9·215 | 9·249 | 9·275 | 9·315 | 9·337 | 9·371 | 9·391 | 9·421 | 9·246 |
| 23 | 9·421 | 9·439 | 9·475 | 9·495 | 9·527 | 9·551 | 9·591 | 9·625 | 9·663 | 9·685 | 9·723 | 9·735 | 9·757 | 9·769 | 9·787 | 9·799 | 9·821 | 9·831 | 9·847 | 9·855 | 9·867 | 9·873 | 9·873 | 9·867 | 9·867 | 9·713 |
| 24 | 9·867 | 9·855 | 9·845 | 9·839 | 9·833 | 9·825 | 9·819 | 9·829 | 9·829 | 9·823 | 9·829 | 9·824 | 9·820 | 9·812 | 9·804 | 9·800 | 9·788 | 9·782 | 9·798 | 9·808 | 9·823 | 9·830 | 9·846 | 9·848 | 9·866 | 9·824 |
| 25 | 9·866 | 9·876 | 9·886 | 9·886 | 9·896 | 9·912 | 9·914 | 9·918 | 9·940 | 9·950 | 9·964 | 9·959 | 9·959 | 9·955 | 9·951 | 9·953 | 9·937 | 9·935 | 9·939 | 9·939 | 9·939 | 9·941 | 9·933 | 9·915 | 9·909 | 9·929 |

**FALMOUTH.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 30 | 15 | 30 | 15 | 31 | 15 | 30 | 17 | 30 | 18 | 30 | 18 | 30 | 18 | 32 | 19 | 31 | 12 | 31 | 18 | 30 | 15 | 31 | 14 |
| 2 | 32 | 12 | 32 | 12 | 32 | 12 | 32 | 12 | 32 | 9 | 32 | 8 | 1 | 10 | 2 | 11 | 32 | 10 | 1 | 8 | 1 | 10 | 1 | 12 |
| 3 | — | 3 | — | 3 | 32 | 4 | 30 | 6 | 26 | 8 | 25 | 10 | 27 | 14 | 27 | 11 | 29 | 11 | 30 | 12 | 31 | 9 | 31 | 10 |
| 4 | 29 | 4 | — | 3 | — | 2 | — | 3 | 28 | 7 | 28 | 7 | 31 | 4 | 31 | 4 | — | 3 | 2 | 4 | 29 | 4 | 30 | 6 |
| 5 | — | 1 | — | 0 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | 17 | 4 | 15 | 6 |
| 6 | 17 | 27 | 18 | 28 | 20 | 18 | 22 | 21 | 22 | 21 | 22 | 21 | 22 | 18 | 23 | 21 | 25 | 23 | 25 | 26 | 26 | 30 | 26 | 31 |
| 7 | 26 | 19 | 26 | 18 | 26 | 16 | 26 | 13 | 26 | 10 | 24 | 10 | 24 | 7 | 24 | 7 | 23 | 5 | 23 | 9 | 19 | 7 | 18 | 9 |
| 8 | 25 | 16 | 24 | 16 | 25 | 20 | 24 | 18 | 24 | 17 | 23 | 16 | 23 | 13 | 23 | 15 | 22 | 18 | 21 | 21 | 21 | 22 | 22 | 21 |
| 9 | 21 | 23 | 22 | 25 | 22 | 25 | 22 | 24 | 22 | 22 | 22 | 21 | 22 | 18 | 24 | 15 | 23 | 14 | 23 | 20 | 23 | 20 | 23 | 19 |
| 10 | 25 | 22 | 25 | 21 | 25 | 21 | 26 | 21 | 26 | 21 | 26 | 22 | 26 | 23 | 26 | 22 | 26 | 23 | 26 | 23 | 26 | 23 | 26 | 23 |
| 11 | 28 | 16 | 28 | 15 | 28 | 15 | 27 | 13 | 28 | 12 | 28 | 12 | 29 | 10 | 28 | 11 | 29 | 12 | 28 | 12 | 28 | 13 | 28 | 10 |
| 12 | — | 3 | — | 2 | — | 2 | — | 3 | 7 | 4 | 4 | 5 | 4 | 4 | — | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 10 | 4 |
| 13 | — | 1 | — | 3 | 31 | 4 | — | 3 | 31 | 4 | 31 | 4 | — | 3 | 31 | 4 | — | 2 | — | 2 | — | 3 | 11 | 4 |
| 14 | 13 | 10 | 13 | 8 | 11 | 6 | 10 | 6 | 6 | 6 | 5 | 6 | 6 | 7 | 4 | 8 | 3 | 7 | 4 | 7 | 4 | 6 | 6 | 5 |
| 15 | 9 | 5 | 7 | 4 | 7 | 4 | 7 | 4 | 10 | 5 | 11 | 6 | 12 | 5 | 13 | 5 | 13 | 5 | 15 | 6 | 16 | 7 | 15 | 7 |
| 16 | 19 | 5 | 19 | 5 | 28 | 7 | 31 | 9 | 31 | 4 | — | 3 | 31 | 4 | 31 | 4 | 27 | 9 | 30 | 10 | 31 | 10 | 30 | 12 |
| 17 | 29 | 4 | 29 | 4 | — | 3 | 29 | 4 | 29 | 4 | — | 3 | — | 2 | — | 1 | — | 2 | 29 | 4 | 29 | 5 | 15 | 6 |
| 18 | 7 | 5 | 6 | 4 | 6 | 4 | — | 2 | — | 3 | — | 3 | — | 3 | 6 | 5 | 6 | 4 | 6 | 5 | 5 | 6 | 4 | 7 |
| 19 | 1 | 5 | 1 | 4 | 1 | 4 | 2 | 6 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 5 | 2 | 7 | 4 | 10 | 4 | 10 | 6 | 9 |
| 20 | — | 3 | 3 | 4 | — | 3 | 3 | 4 | 3 | 4 | — | 3 | 3 | 4 | 3 | 4 | 3 | 4 | — | 3 | 3 | 5 | 6 | 4 |
| 21 | — | 3 | — | 2 | 14 | 5 | 14 | 4 | 13 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 15 | 6 | 14 | 9 | 13 | 10 |
| 22 | 15 | 18 | 14 | 20 | 14 | 20 | 14 | 18 | 14 | 20 | 14 | 22 | 14 | 22 | 15 | 20 | 24 | 6 | 19 | 7 | 19 | 12 | 20 | 15 |
| 23 | 23 | 8 | 23 | 7 | 21 | 5 | 22 | 7 | 23 | 7 | 23 | 6 | 23 | 7 | 23 | 9 | 24 | 9 | 26 | 11 | 25 | 10 | 25 | 16 |
| 24 | 16 | 9 | 16 | 9 | 16 | 11 | 16 | 11 | 16 | 10 | 16 | 11 | 16 | 10 | 16 | 12 | 16 | 11 | 16 | 12 | 15 | 11 | 16 | 11 |
| 25 | 30 | 9 | 29 | 11 | 29 | 10 | 29 | 11 | 28 | 12 | 30 | 10 | 29 | 10 | 29 | 10 | 29 | 12 | 29 | 11 | 29 | 10 | 29 | 10 |
| 26 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | 32 | 4 | — | 2 | — | 2 | — | 3 | 11 | 4 | 11 | 5 | 12 | 6 |
| 27 | — | 1 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 | — | 3 | 16 | 7 | 18 | 11 | 18 | 13 | 18 | 16 | 19 | 18 |
| 28 | 29 | 10 | 30 | 9 | 28 | 9 | 29 | 7 | 29 | 8 | 29 | 5 | 29 | 6 | 28 | 7 | 30 | 9 | 27 | 9 | 26 | 9 | 27 | 9 |
| 29 | 18 | 10 | 18 | 8 | 18 | 9 | 18 | 12 | 18 | 12 | 18 | 13 | 18 | 14 | 18 | 16 | 18 | 19 | 18 | 20 | 18 | 19 | 17 | 18 |
| 30 | 23 | 8 | 23 | 7 | 23 | 7 | 23 | 7 | 20 | 7 | 19 | 9 | 19 | 12 | 19 | 17 | 19 | 19 | 20 | 19 | 19 | 19 | 19 | 19 |
| 31 | 23 | 18 | 23 | 17 | 23 | 19 | 23 | 16 | 23 | 18 | 25 | 19 | 24 | 18 | 25 | 18 | 24 | 15 | 25 | 16 | 23 | 15 | 23 | 15 |
| Mean ... | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 11 | — | 11 | — | 12 |
| Mean,* 1881–1905. | — | 10·4 | — | 10·5 | — | 10·3 | — | 10·1 | — | 10·1 | — | 10·2 | — | 10·3 | — | 10·7 | — | 11·7 | — | 12·5 | — | 13·5 | — | 13·7 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of has been applied for friction. When the velocity is less than 4 miles per hour,

* Mean for 24 years only—1885 omitted.

**FALMOUTH.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. MARCH, 1908

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | 01 | 02 | — | — | — | 04 | 06 | 03 | — | 03 | 02 | — | — | 03 | 02 | — | — | — | — | — | — | — | 26 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 | 06 | 01 | 09 |
| 3 | — | 01 | 01 | 01 | 01 | 01 | 05 | 01 | 01 | 01 | 01 | — | — | — | 02 | — | 01 | — | 05 | 08 | 03 | 02 | — | — | 35 |
| 4 | — | 02 | — | — | 02 | — | 01 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | -- | 08 | 10 | 10 | 19 | 49 |
| 6 | 16 | 25 | 02 | — | — | — | 02 | — | 04 | 07 | 02 | 02 | 02 | 02 | 01 | 06 | — | — | — | — | — | — | — | — | 71 |
| 7 | — | — | — | — | — | — | — | 01 | 02 | 03 | 01 | 02 | 03 | 03 | 01 | 01 | — | 01 | — | 01 | — | — | 01 | — | 20 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 06 | 02 | 01 | — | — | 11 |
| 9 | — | — | — | — | — | 01 | 01 | 05 | — | — | — | — | — | 01 | 03 | — | — | — | 02 | — | 03 | — | — | — | 16 |
| 10 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 11 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | 12 | 20 | 08 | 04 | 08 | 01 | — | — | 01 | — | 03 | 01 | 02 | 02 | — | — | — | 01 | — | — | 01 | 02 | 02 | 04 | 10 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 63 |
| 16 | 02 | 03 | 03 | 04 | — | — | — | — | 02 | 01 | — | — | — | — | — | — | 01 | 02 | 01 | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | 01 | — | — | 03 | 03 | — | — | — | — | — | — | — | — | — | — | — | 19 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | 05 | 07 | 10 | 19 | 19 | 05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 65 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | 01 | 04 | 04 | 01 | 01 | — | — | — | — | — | 01 | 01 | 06 | 07 | 06 | 08 | 07 | 10 | 04 | 02 | 63 |
| 25 | 02 | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 09 | 07 | 10 | 02 | 01 | 01 | 33 |
| 28 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 | 07 | 02 | 07 | 01 | — | — | — | — | 25 |
| 30 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 07 | 04 | — | 13 | — | — | — | 02 | 01 | 31 |
| 31 | — | 01 | 01 | — | 01 | 01 | — | — | — | — | — | — | 01 | 02 | 02 | 03 | 08 | 06 | 04 | 02 | — | — | — | — | 32 |
| Sum ... | 35 | 53 | 16 | 16 | 19 | 17 | 32 | 35 | 25 | 16 | 07 | 11 | 13 | 10 | 13 | 32 | 30 | 21 | 48 | 35 | 34 | 28 | 26 | 28 | 6·00 |
| Average 1871–1905. | ·151 | ·145 | ·161 | ·140 | ·125 | ·129 | ·140 | ·145 | ·144 | ·146 | ·132 | ·116 | ·117 | ·136 | ·123 | ·123 | ·140 | ·154 | ·125 | ·124 | ·141 | ·128 | ·141 | ·127 | 3·252 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. MARCH, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. |
| 30 | 7 | 30 | 15 | 30 | 15 | 31 | 15 | 29 | 10 | 30 | 12 | 32 | 15 | 32 | 12 | 32 | 10 | 32 | 12 | 32 | 12 | 32 | 12 | 14 |
| 1 | 11 | 32 | 10 | 32 | 9 | 32 | 10 | 31 | 10 | 31 | 5 | 30 | 7 | 29 | 10 | 31 | 4 | 32 | 4 | 32 | 4 | — | 2 | 9 |
| 31 | 12 | 31 | 11 | 31 | 11 | 28 | 7 | 31 | 7 | 32 | 8 | 28 | 10 | 26 | 12 | 28 | 10 | 29 | 7 | 29 | 4 | — | 3 | 8 |
| 29 | 6 | 29 | 7 | 26 | 7 | 28 | 7 | 26 | 7 | 27 | 5 | 27 | 5 | 27 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 4 |
| 15 | 9 | 14 | 8 | 20 | 12 | 20 | 11 | 18 | 5 | 18 | 5 | 17 | 10 | 17 | 11 | 16 | 15 | 17 | 18 | 16 | 18 | 17 | 20 | 7 |
| 27 | 33 | 27 | 29 | 27 | 29 | 28 | 29 | 28 | 28 | 27 | 26 | 28 | 24 | 28 | 20 | 27 | 21 | 27 | 20 | 27 | 20 | 28 | 17 | 24 |
| 16 | 7 | 15 | 7 | 15 | 4 | 27 | 11 | 27 | 18 | 27 | 15 | 27 | 10 | 26 | 14 | 26 | 15 | 25 | 15 | 25 | 16 | 24 | 15 | 12 |
| 21 | 25 | 20 | 24 | 19 | 26 | 19 | 26 | 19 | 29 | 19 | 30 | 19 | 28 | 19 | 30 | 19 | 29 | 22 | 26 | 22 | 23 | 21 | 25 | 22 |
| 23 | 21 | 22 | 21 | 22 | 21 | 22 | 20 | 22 | 19 | 23 | 18 | 23 | 20 | 24 | 21 | 26 | 23 | 25 | 23 | 25 | 22 | 25 | 21 | 21 |
| 26 | 23 | 27 | 25 | 26 | 23 | 27 | 22 | 27 | 23 | 27 | 21 | 27 | 21 | 27 | 19 | 27 | 19 | 27 | 18 | 28 | 16 | 27 | 15 | 21 |
| 28 | 10 | 27 | 12 | 27 | 10 | 27 | 9 | 27 | 7 | 27 | 4 | — | 3 | — | 1 | — | 2 | 24 | 4 | — | 3 | — | 2 | 9 |
| 13 | 4 | 13 | 4 | — | 3 | 2 | 4 | 31 | 6 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 5 | — | 3 | — | 2 | — | 2 | 4 |
| 12 | 5 | 20 | 7 | 21 | 8 | 21 | 7 | 19 | 4 | 17 | 6 | 16 | 6 | 15 | 7 | 15 | 9 | 15 | 7 | 15 | 9 | 15 | 10 | 5 |
| 6 | 4 | 6 | 5 | 8 | 4 | 9 | 4 | 9 | 4 | 8 | 5 | 8 | 4 | — | 3 | 8 | 6 | 9 | 7 | 9 | 6 | 9 | 6 | 6 |
| 16 | 8 | 16 | 7 | 18 | 7 | 19 | 6 | 18 | 7 | 18 | 6 | 18 | 7 | 18 | 5 | 18 | 5 | 19 | 7 | 19 | 6 | 19 | 7 | 6 |
| 30 | 11 | 30 | 11 | 29 | 11 | 29 | 10 | 30 | 9 | 31 | 9 | 31 | 9 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 10 | 30 | 5 | 7 |
| 14 | 4 | 12 | 5 | 14 | 7 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 5 | 14 | 5 | 11 | 4 | 10 | 7 | 9 | 5 | 8 | 4 | 5 |
| 1 | 6 | 3 | 5 | 29 | 4 | 32 | 10 | 1 | 11 | 1 | 8 | 1 | 5 | 1 | 4 | 1 | 6 | — | 3 | 1 | 5 | 1 | 4 | 5 |
| 7 | 7 | 7 | 8 | 9 | 7 | 9 | 7 | 10 | 5 | — | 3 | — | 3 | 6 | 4 | 3 | 7 | 3 | 6 | 3 | 4 | — | 2 | 6 |
| 10 | 4 | 10 | 4 | 11 | 4 | 13 | 5 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 3 |
| 15 | 9 | 15 | 11 | 15 | 11 | 14 | 11 | 14 | 10 | 13 | 11 | 13 | 12 | 13 | 15 | 13 | 15 | 13 | 16 | 15 | 15 | 14 | 18 | 9 |
| 20 | 15 | 21 | 18 | 20 | 17 | 21 | 17 | 21 | 15 | 21 | 13 | 23 | 10 | 23 | 8 | 23 | 9 | 23 | 10 | 23 | 7 | 23 | 7 | 14 |
| 26 | 12 | 27 | 9 | 26 | 10 | 26 | 9 | 27 | 7 | 23 | 5 | 22 | 6 | 22 | 7 | 22 | 6 | 22 | 4 | 17 | 6 | 17 | 9 | 8 |
| 16 | 10 | 16 | 10 | 16 | 9 | 17 | 10 | 17 | 7 | 29 | 7 | 30 | 11 | 31 | 13 | 31 | 13 | 30 | 12 | 31 | 11 | 30 | 10 | 10 |
| 27 | 14 | 28 | 11 | 28 | 12 | 27 | 12 | 27 | 11 | 28 | 8 | 28 | 4 | 28 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | 9 |
| 13 | 5 | 13 | 7 | 13 | 4 | 13 | 5 | 16 | 4 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | 3 |
| 18 | 18 | 18 | 19 | 18 | 20 | 17 | 19 | 18 | 18 | 18 | 15 | 18 | 17 | 17 | 18 | 18 | 18 | 28 | 15 | 30 | 12 | 30 | 12 | 12 |
| 26 | 8 | 25 | 9 | 26 | 10 | 23 | 12 | 21 | 12 | 22 | 10 | 19 | 7 | 20 | 10 | 19 | 10 | 18 | 12 | 18 | 9 | 18 | 9 | 9 |
| 18 | 23 | 18 | 22 | 18 | 22 | 19 | 21 | 22 | 12 | 22 | 8 | 23 | 8 | 22 | 5 | 19 | 5 | 22 | 7 | 23 | 6 | 26 | 8 | 13 |
| 19 | 21 | 18 | 23 | 18 | 25 | 18 | 22 | 18 | 26 | 19 | 31 | 19 | 29 | 22 | 25 | 22 | 22 | 22 | 19 | 22 | 18 | 23 | 19 | 17 |
| 28 | 14 | 24 | 11 | 20 | 7 | — | 3 | — | 3 | — | 2 | 4 | 4 | 2 | 5 | — | 2 | 32 | 4 | 32 | 4 | 28 | 5 | 11 |
| — | 12 | — | 12 | — | 12 | — | 12 | — | 11 | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 9 | 10 |
| — | 13·8 | — | 13·9 | — | 13·6 | — | 13·3 | — | 12·7 | — | 11·6 | — | 10·9 | — | 10·4 | — | 10·4 | — | 10·5 | — | 10·4 | — | 10·3 | 11·5 |

Mean,* 1881–1905.

the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction the direction is omitted, the record not being trustworthy in very light airs.

**FALMOUTH.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. MARCH, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | ·2 | — | ·2 | — | ·3 | ·4 | ·9 | — | — | — | — | — | 2·0 | Overcast to cloudy, △ and ● showers. |
| 2 | — | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | — | 7·7 | Fine, bright day; ● at night. [at times. |
| 3 | — | — | — | — | — | — | — | — | — | ·8 | ·7 | ·4 | ·2 | ·5 | — | — | — | 2·6 | A.M. dull; P.M. brighter; ● and △ |
| 4 | — | — | — | ·1 | ·8 | ·9 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | 8·9 | ⌴; ●* showers early, then fine and |
| 5 | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | ·9 | ·4 | ·9 | ·9 | ·6 | — | — | — | — | — | 7·1 | ⌴; fine till 15h.; ●² at night. [bright. |
| 6 | — | — | — | — | ·1 | — | — | ·1 | ·3 | ·1 | — | ·1 | ·1 | — | — | — | — | 0·8 | Very showery till 16h.; evening finer; ⫽ all day. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, damp day. |
| 8 | — | — | — | — | ·2 | ·1 | — | — | — | — | — | — | — | — | — | — | — | 0·3 | Overcast day, with ● and ⫽ P.M. |
| 9 | — | — | — | — | ·4 | 1·0 | ·7 | ·7 | ·9 | ·5 | — | ·7 | ·1 | ·1 | — | — | — | 5·1 | Day generally fine; occasional ● showers |
| 10 | — | — | — | — | ·4 | 1·0 | ·8 | ·8 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·2 | — | — | — | 8·1 | Fine and bright. [and fresh wind. |
| 11 | — | — | — | — | ·2 | ·5 | ·7 | ·8 | ·6 | ·9 | 1·0 | 1·0 | ·2 | — | — | — | — | 5·9 | Fine day, becoming overcast later. |
| 12 | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·2 | ·8 | 1·0 | ·7 | — | — | — | 9·0 | Fine all day. |
| 13 | — | — | — | — | — | — | ·7 | ·4 | ·3 | ·1 | — | — | — | — | — | — | — | 1·5 | Fair to overcast and ●. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, damp day, ●² early. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull to fine. |
| 16 | — | — | — | ·6 | ·6 | ·1 | ·5 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·1 | — | — | — | 7·5 | ● occasionally, with bright intervals. |
| 17 | — | — | — | ·9 | 1·0 | 1·0 | ·9 | ·1 | — | — | — | ·2 | — | — | — | — | — | 4·1 | Fine to overcast, ● mid-day. |
| 18 | — | — | — | — | — | — | ·4 | ·2 | ·7 | ·9 | ·9 | 1·0 | ·3 | — | — | — | — | 4·4 | A.M. overcast to fair; P.M. fine and bright. |
| 19 | — | — | — | ·4 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | 8·6 | Very fine day. |
| 20 | — | — | — | — | — | ·4 | ·1 | ·1 | ·1 | — | ·3 | ·8 | — | — | — | — | — | 1·8 | Overcast to cloudy. |
| 21 | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | 9·1 | Fine, bright day. |
| 22 | — | — | — | — | — | ·1 | ·6 | 1·0 | ·8 | ·8 | 1·0 | ·7 | — | — | — | — | — | 5·0 | ●² 4h.-9h., then fair. |
| 23 | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | 10·1 | Fine day, becoming overcast in evening. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, ●, and ≋. |
| 25 | — | — | — | ·4 | ·9 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | 10·2 | ●° early, then fine and bright. |
| 26 | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | ·8 | ·9 | ·2 | — | — | 9·2 | Fine day, ◠. |
| 27 | — | — | ·1 | 1·0 | ·9 | ·2 | ·1 | ·7 | ·3 | — | — | — | — | — | — | — | — | 3·3 | Bright at first, overcast later, ● at night. |
| 28 | — | — | — | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | 1·0 | ·6 | — | — | — | 10·2 | Very fine day. |
| 29 | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | 0·1 | Overcast day with ● P.M. |
| 30 | — | — | ·1 | ·4 | ·6 | ·8 | ·9 | 1·0 | ·4 | 1·0 | ·1 | — | — | — | — | — | — | 5·3 | Stormy day with ● after 14h. |
| 31 | — | — | — | — | ·5 | — | — | — | — | — | — | — | — | — | — | — | — | 0·5 | Dull, wet day, improving in evening. |
| | — | — | 0·2 | 6·1 | 12·7 | 15·1 | 15·8 | 17·6 | 17·1 | 17·6 | 15·4 | 16·0 | 13·0 | 5·7 | 0·3 | — | — | 152·6 | Total. |
| | — | — | 0·20 | 4·88 | 11·44 | 12·99 | 13·84 | 15·00 | 14·72 | 14·84 | 14·36 | 13·59 | 12·15 | 6·49 | 0·31 | — | — | 134·79 | Mean Total, 1881–1905. |

TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MARCH, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40°0 | 39°0 | 39°7 | 40°0 | 39°9 | 39°4 | 39°3 | 39°1 | 38°0 | 36°0 | 37°5 | 37°9 | 34°6 | 37°0 | 40°6 | 41°7 | 41°6 | 37°0 | 38°7 | 39°6 | 37°1 | 38°4 | 37°8 | 37°3 | 37°8 | 38°6 |
| 2 | 37°8 | 38°1 | 38°2 | 37°9 | 37°4 | 37°0 | 36°3 | 36°9 | 36°8 | 37°7 | 39°0 | 41°0 | 41°8 | 42°2 | 42°3 | 42°2 | 42°0 | 41°1 | 39°8 | 39°3 | 37°9 | 38°0 | 36°1 | 36°3 | 35°3 | 38°8 |
| 3 | 35°3 | 35°7 | 35°9 | 37°2 | 37°1 | 37°8 | 38°0 | 38°8 | 37°4 | 40°2 | 39°1 | 37°7 | 40°0 | 42°0 | 40°9 | 37°3 | 37°4 | 38°0 | 37°1 | 34°7 | 34°0 | 35°1 | 36°3 | 36°9 | 36°3 | 37°5 |
| 4 | 36°3 | 36°2 | 35°6 | 36°2 | 35°8 | 36°1 | 35°1 | 35°4 | 35°2 | 37°7 | 38°7 | 40°8 | 42°1 | 42°0 | 44°0 | 43°9 | 43°0 | 42°0 | 39°7 | 37°3 | 37°3 | 37°0 | 37°1 | 36°6 | 37°0 | 38°4 |
| 5 | 37°0 | 35°0 | 34°5 | 35°1 | 35°1 | 34°6 | 34°0 | 34°1 | 35°3 | 38°2 | 41°2 | 44°0 | 46°1 | 45°9 | 46°6 | 47°0 | 46°0 | 43°2 | 42°6 | 42°9 | 43°7 | 44°0 | 43°2 | 43°4 | 44°7 | 40°7 |
| 6 | 44°7 | 45°9 | 46°9 | 44°7 | 45°0 | 44°3 | 43°8 | 43°6 | 44°1 | 43°6 | 42°9 | 43°0 | 42°8 | 43°0 | 42°7 | 44°0 | 43°0 | 42°5 | 44°8 | 44°1 | 44°2 | 43°9 | 43°0 | 42°4 | 42°5 | 43°8 |
| 7 | 42°5 | 42°2 | 42°0 | 42°2 | 42°0 | 42°6 | 42°6 | 42°8 | 42°6 | 43°2 | 43°1 | 43°1 | 43°3 | 44°0 | 44°3 | 45°9 | 47°4 | 48°7 | 48°7 | 48°4 | 48°9 | 49°0 | 49°0 | 49°4 | 49°6 | 45°1 |
| 8 | 49°6 | 50°0 | 49°9 | 50°0 | 50°2 | 50°3 | 50°1 | 50°0 | 49°9 | 50°0 | 49°9 | 50°0 | 50°0 | 51°0 | 51°2 | 51°2 | 50°8 | 50°4 | 50°1 | 49°4 | 49°3 | 49°5 | 48°5 | 48°2 | 47°3 | 49°9 |
| 9 | 47°3 | 47°0 | 45°9 | 45°3 | 45°1 | 44°8 | 44°0 | 42°0 | 42°0 | 41°9 | 45°3 | 45°0 | 46°1 | 46°0 | 46°1 | 46°0 | 47°3 | 43°4 | 42°6 | 42°3 | 42°0 | 42°9 | 44°0 | 44°8 | 44°9 | 44°1 |
| 10 | 44°9 | 45°0 | 45°0 | 45°0 | 44°1 | 44°2 | 44°0 | 44°4 | 44°5 | 45°7 | 46°0 | 46°0 | 45°9 | 47°0 | 47°0 | 46°0 | 46°3 | 46°1 | 45°1 | 44°8 | 44°0 | 43°9 | 43°2 | 43°4 | 42°7 | 45°0 |
| 11 | 42°7 | 43°0 | 42°0 | 42°0 | 42°0 | 42°1 | 42°2 | 42°7 | 43°0 | 44°1 | 44°7 | 45°8 | 45°8 | 46°0 | 47°0 | 46°6 | 47°0 | 45°0 | 44°3 | 44°0 | 43°0 | 42°2 | 42°1 | 41°9 | 41°4 | 43°8 |
| 12 | 41°4 | 42°2 | 42°7 | 42°9 | 42°4 | 42°0 | 41°8 | 41°8 | 41°5 | 43°0 | 44°2 | 45°8 | 47°2 | 48°0 | 47°3 | 47°5 | 47°1 | 46°2 | 44°9 | 43°0 | 41°2 | 40°7 | 40°3 | 39°8 | 38°7 | 43°5 |
| 13 | 38°7 | 37°8 | 38°2 | 38°6 | 38°8 | 38°1 | 39°0 | 40°0 | 40°9 | 42°1 | 43°3 | 46°1 | 47°3 | 48°8 | 48°5 | 46°0 | 45°0 | 44°6 | 43°6 | 43°2 | 43°2 | 43°1 | 42°8 | 43°0 | 43°1 | 42°6 |
| 14 | 43°1 | 43°7 | 43°7 | 44°0 | 44°0 | 44°0 | 43°3 | 43°0 | 41°8 | 41°7 | 41°3 | 41°8 | 41°0 | 41°0 | 41°0 | 41°0 | 41°0 | 41°3 | 41°0 | 40°9 | 40°9 | 41°0 | 40°3 | 41°0 | 41°1 | 41°9 |
| 15 | 41°1 | 41°2 | 41°1 | 41°8 | 41°8 | 41°9 | 41°0 | 40°9 | 41°8 | 42°2 | 43°8 | 43°7 | 46°0 | 46°0 | 46°2 | 46°1 | 45°1 | 44°0 | 43°0 | 42°0 | 41°0 | 40°9 | 41°3 | 41°0 | 41°5 | 42°7 |
| 16 | 41°5 | 41°6 | 41°3 | 41°0 | 39°9 | 39°8 | 39°4 | 39°1 | 41°3 | 41°7 | 40°2 | 43°0 | 44°3 | 45°0 | 44°7 | 45°6 | 45°0 | 42°3 | 41°0 | 41°7 | 41°3 | 41°0 | 41°3 | 42°2 | 40°8 | 41°9 |
| 17 | 40°8 | 39°3 | 39°3 | 39°6 | 39°0 | 39°0 | 39°0 | 39°1 | 40°2 | 42°7 | 45°0 | 47°1 | 46°6 | 43°8 | 46°0 | 47°3 | 47°0 | 46°0 | 44°1 | 44°1 | 44°1 | 44°0 | 44°0 | 43°0 | 42°5 | 43°0 |
| 18 | 42°5 | 42°5 | 42°2 | 40°0 | 39°0 | 38°4 | 38°0 | 37°3 | 38°5 | 39°2 | 41°0 | 43°0 | 42°7 | 42°8 | 43°4 | 43°7 | 43°3 | 42°7 | 41°7 | 40°8 | 39°1 | 37°3 | 38°1 | 38°0 | 38°3 | 40°5 |
| 19 | 38°3 | 37°2 | 37°0 | 35°7 | 36°0 | 35°0 | 34°1 | 34°7 | 35°0 | 37°0 | 39°3 | 40°0 | 40°2 | 41°1 | 42°1 | 42°1 | 42°2 | 41°9 | 41°2 | 40°9 | 40°7 | 40°1 | 38°8 | 37°8 | 35°7 | 38°6 |
| 20 | 35°7 | 36°4 | 36°1 | 35°9 | 35°4 | 35°8 | 35°0 | 34°8 | 34°1 | 35°3 | 37°0 | 40°0 | 41°0 | 42°0 | 42°0 | 43°1 | 43°2 | 43°0 | 41°3 | 39°5 | 37°6 | 37°1 | 38°5 | 38°4 | 37°8 | 38°3 |
| 21 | 37°8 | 37°8 | 38°0 | 39°1 | 39°0 | 40°0 | 40°0 | 38°0 | 37°3 | 42°1 | 45°0 | 46°2 | 46°1 | 48°1 | 48°2 | 47°4 | 46°9 | 46°1 | 44°7 | 43°9 | 43°8 | 44°2 | 45°0 | 45°1 | 45°0 | 43°1 |
| 22 | 45°0 | 45°7 | 45°9 | 46°0 | 45°8 | 46°0 | 46°1 | 46°4 | 46°9 | 46°2 | 46°6 | 49°3 | 50°5 | 52°2 | 52°2 | 52°7 | 51°2 | 50°0 | 48°7 | 47°0 | 45°4 | 45°1 | 44°2 | 43°3 | 43°4 | 47°4 |
| 23 | 45°4 | 43°1 | 42°8 | 42°0 | 42°4 | 42°7 | 42°1 | 42°3 | 45°0 | 48°0 | 49°4 | 50°2 | 51°0 | 51°7 | 51°9 | 51°7 | 50°4 | 50°1 | 48°2 | 45°9 | 44°8 | 44°6 | 45°0 | 46°0 | 46°4 | 46°5 |
| 24 | 46°4 | 47°0 | 47°1 | 47°3 | 47°4 | 47°8 | 47°4 | 47°4 | 47°4 | 47°9 | 48°1 | 48°8 | 49°1 | 49°0 | 49°8 | 50°0 | 50°3 | 50°0 | 47°8 | 45°7 | 44°8 | 44°8 | 44°0 | 43°8 | 43°0 | 47°5 |
| 25 | 43°0 | 43°0 | 42°6 | 42°8 | 43°1 | 43°2 | 43°7 | 43°2 | 44°7 | 45°8 | 46°8 | 47°7 | 48°0 | 47°8 | 46°2 | 47°4 | 46°9 | 45°8 | 44°3 | 41°4 | 40°0 | 39°0 | 38°8 | 39°1 | 36°3 | 43°8 |
| 26 | 36°3 | 37°2 | 37°3 | 38°0 | 37°2 | 37°0 | 37°0 | 37°4 | 39°8 | 43°4 | 45°2 | 46°9 | 47°6 | 48°0 | 48°4 | 48°3 | 47°9 | 48°8 | 47°2 | 44°1 | 43°7 | 41°9 | 40°4 | 41°3 | 40°4 | 42°6 |
| 27 | 40°4 | 41°6 | 39°6 | 40°1 | 40°5 | 40°0 | 41°0 | 40°0 | 45°4 | 48°0 | 49°0 | 49°3 | 50°1 | 50°4 | 50°0 | 50°0 | 49°3 | 48°8 | 48°2 | 45°0 | 45°4 | 46°0 | 44°5 | 42°1 | 42°0 | 45°2 |
| 28 | 42°0 | 41°3 | 42°2 | 42°2 | 42°0 | 41°4 | 40°2 | 40°3 | 43°0 | 45°0 | 45°9 | 46°9 | 46°5 | 48°4 | 49°0 | 49°0 | 48°9 | 47°3 | 45°4 | 44°3 | 45°0 | 45°0 | 44°1 | 43°9 | 43°7 | 44°6 |
| 29 | 43°7 | 43°9 | 44°0 | 44°0 | 45°0 | 45°1 | 46°0 | 46°0 | 46°5 | 47°2 | 47°8 | 47°7 | 48°0 | 49°4 | 51°0 | 51°1 | 50°0 | 48°3 | 46°1 | 45°7 | 45°9 | 44°9 | 44°2 | 44°0 | 43°3 | 42°2 | 46°3 |
| 30 | 42°2 | 41°0 | 40°7 | 40°3 | 40°0 | 41°8 | 41°0 | 42°8 | 46°1 | 48°9 | 49°3 | 49°2 | 50°7 | 51°4 | 52°1 | 50°0 | 48°2 | 48°0 | 48°9 | 49°1 | 49°8 | 49°1 | 47°8 | 47°4 | 46°0 | 46°6 |
| 31 | 46°0 | 46°0 | 45°9 | 45°4 | 44°0 | 45°1 | 43°0 | 43°9 | 45°2 | 47°0 | 47°2 | 47°1 | 47°7 | 46°0 | 46°8 | 46°6 | 46°5 | 46°0 | 45°6 | 45°3 | 45°0 | 44°9 | 43°7 | 43°9 | 44°2 | 45°6 |
| Mean ... | 41°5 | 41°5 | 41°4 | 41°4 | 41°2 | 41°2 | 40°9 | 40°9 | 41°7 | 43°0 | 44°0 | 45°0 | 45°5 | 46°1 | 46°5 | 46°2 | 45°9 | 45°0 | 44°2 | 43°2 | 42°7 | 42°5 | 42°2 | 42°1 | 41°7 | 43°2 |
| Mean, 1871–1905. | 42°9 | 42°8 | 42°6 | 42°6 | 42°4 | 42°3 | 42°2 | 42°4 | 43°1 | 44°5 | 45°4 | 46°4 | 46°8 | 47°3 | 47°2 | 47°2 | 46°7 | 46°2 | 45°2 | 44°4 | 43°9 | 43°6 | 43°3 | 43°2 | 43°0 | 44°3 |

TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MARCH, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 68 | 71 | 70 | 76 | 76 | 76 | 76 | 72 | 80 | 91 | 85 | 84 | 94 | 91 | 80 | 73 | 69 | 91 | 86 | 73 | 84 | 79 | 76 | 75 | 75 | 79·1 |
| 2 | 75 | 74 | 76 | 77 | 78 | 77 | 78 | 76 | 75 | 73 | 73 | 65 | 61 | 60 | 59 | 60 | 60 | 76 | 80 | 82 | 84 | 83 | 89 | 91 | 95 | 74·7 |
| 3 | 95 | 93 | 92 | 89 | 88 | 85 | 89 | 85 | 92 | 85 | 85 | 89 | 86 | 73 | 74 | 91 | 91 | 86 | 90 | 93 | 91 | 92 | 90 | 87 | 89 | 87·8 |
| 4 | 89 | 89 | 93 | 89 | 91 | 90 | 87 | 88 | 88 | 85 | 85 | 78 | 76 | 74 | 69 | 66 | 67 | 73 | 78 | 85 | 83 | 83 | 82 | 84 | 81 | 82·0 |
| 5 | 81 | 84 | 87 | 85 | 86 | 83 | 86 | 81 | 84 | 83 | 83 | 77 | 73 | 79 | 82 | 73 | 74 | 90 | 90 | 85 | 83 | 86 | 92 | 93 | 94 | 83·6 |
| 6 | 94 | 94 | 95 | 93 | 89 | 82 | 77 | 79 | 76 | 79 | 83 | 84 | 85 | 84 | 85 | 77 | 82 | 81 | 62 | 60 | 63 | 69 | 71 | 70 | 72 | 79·3 |
| 7 | 72 | 75 | 73 | 76 | 77 | 74 | 75 | 79 | 83 | 84 | 85 | 91 | 92 | 92 | 96 | 94 | 93 | 94 | 94 | 96 | 95 | 94 | 98 | 96 | 96 | 87·1 |
| 8 | 96 | 94 | 94 | 94 | 95 | 95 | 92 | 89 | 90 | 88 | 90 | 94 | 93 | 93 | 90 | 90 | 88 | 90 | 90 | 94 | 95 | 94 | 88 | 83 | 79 | 91·5 |
| 9 | 79 | 80 | 75 | 76 | 74 | 73 | 73 | 75 | 78 | 87 | 86 | 76 | 72 | 75 | 72 | 66 | 82 | 77 | 80 | 79 | 82 | 77 | 85 | 78 | 74 | 77·3 |
| 10 | 74 | 76 | 74 | 76 | 74 | 73 | 75 | 73 | 71 | 72 | 70 | 73 | 72 | 74 | 73 | 69 | 79 | 71 | 73 | 70 | 74 | 72 | 72 | 73 | 75 | 73·1 |
| 11 | 72 | 67 | 74 | 72 | 71 | 72 | 73 | 72 | 72 | 70 | 69 | 70 | 72 | 68 | 67 | 64 | 67 | 70 | 73 | 75 | 74 | 84 | 89 | 79 | 86 | 89 | 73·2 |
| 12 | 89 | 90 | 90 | 84 | 85 | 88 | 86 | 85 | 86 | 83 | 78 | 71 | 72 | 71 | 69 | 72 | 76 | 68 | 73 | 75 | 81 | 85 | 86 | 87 | 85 | 89 | 80·2 |
| 13 | 89 | 90 | 90 | 90 | 87 | 85 | 88 | 88 | 86 | 85 | 85 | 82 | 72 | 70 | 68 | 62 | 69 | 73 | 75 | 80 | 82 | 83 | 85 | 92 | 94 | 93 | 81·8 |
| 14 | 93 | 93 | 94 | 94 | 94 | 94 | 97 | 92 | 89 | 89 | 91 | 91 | 90 | 92 | 92 | 92 | 90 | 86 | 90 | 86 | 86 | 86 | 85 | 85 | 85 | 84 | 90·0 |
| 15 | 84 | 89 | 86 | 86 | 81 | 75 | 76 | 79 | 78 | 81 | 76 | 74 | 73 | 73 | 74 | 73 | 73 | 77 | 80 | 85 | 85 | 85 | 81 | 85 | 84 | 79·5 |
| 16 | 84 | 90 | 92 | 93 | 91 | 92 | 92 | 89 | 86 | 83 | 89 | 78 | 71 | 69 | 65 | 65 | 69 | 84 | 88 | 86 | 84 | 85 | 88 | 78 | 86 | 83·0 |
| 17 | 86 | 84 | 84 | 85 | 84 | 84 | 84 | 83 | 83 | 80 | 77 | 73 | 76 | 86 | 81 | 84 | 80 | 85 | 85 | 84 | 82 | 84 | 77 | 82 | 89 | 82·3 |
| 18 | 89 | 86 | 86 | 90 | 91 | 89 | 89 | 90 | 82 | 78 | 72 | 67 | 61 | 59 | 57 | 62 | 65 | 61 | 65 | 71 | 73 | 76 | 74 | 80 | 73 | 75·3 |
| 19 | 73 | 76 | 77 | 85 | 82 | 81 | 85 | 82 | 80 | 77 | 74 | 73 | 72 | 71 | 65 | 70 | 71 | 68 | 71 | 71 | 72 | 69 | 73 | 75 | 80 | 74·8 |
| 20 | 80 | 77 | 75 | 75 | 78 | 75 | 75 | 77 | 78 | 76 | 77 | 75 | 73 | 72 | 71 | 70 | 79 | 77 | 82 | 86 | 88 | 89 | 80 | 81 | 79 | 77·7 |
| 21 | 79 | 78 | 78 | 88 | 86 | 86 | 86 | 91 | 93 | 83 | 73 | 74 | 77 | 67 | 73 | 72 | 74 | 73 | 73 | 77 | 78 | 81 | 83 | 84 | 85 | 79·6 |
| 22 | 85 | 86 | 87 | 87 | 93 | 94 | 94 | 96 | 95 | 92 | 96 | 92 | 88 | 79 | 77 | 77 | 78 | 80 | 85 | 82 | 89 | 86 | 89 | 89 | 89 | 87·3 |
| 23 | 89 | 89 | 88 | 92 | 90 | 87 | 91 | 90 | 86 | 79 | 72 | 73 | 68 | 64 | 65 | 65 | 67 | 68 | 81 | 89 | 93 | 94 | 92 | 93 | 91 | 82·0 |
| 24 | 91 | 89 | 91 | 91 | 91 | 89 | 93 | 97 | 95 | 90 | 97 | 95 | 97 | 99 | 95 | 95 | 98 | 99 | 94 | 95 | 94 | 93 | 94 | 92 | 92 | 94·2 |
| 25 | 92 | 92 | 89 | 88 | 85 | 85 | 81 | 87 | 80 | 80 | 85 | 77 | 75 | 73 | 68 | 68 | 69 | 68 | 69 | 71 | 82 | 85 | 86 | 87 | 85 | 96 | 82·2 |
| 26 | 96 | 94 | 92 | 90 | 92 | 92 | 91 | 93 | 88 | 86 | 81 | 77 | 76 | 78 | 79 | 82 | 80 | 80 | 85 | 91 | 94 | 94 | 97 | 96 | 97 | 87·7 |
| 27 | 97 | 94 | 96 | 99 | 96 | 98 | 95 | 98 | 90 | 79 | 73 | 75 | 69 | 73 | 71 | 74 | 76 | 80 | 85 | 92 | 96 | 95 | 94 | 91 | 91 | 86·8 |
| 28 | 91 | 88 | 78 | 72 | 74 | 72 | 74 | 76 | 70 | 66 | 64 | 63 | 64 | 60 | 62 | 62 | 64 | 68 | 67 | 68 | 82 | 79 | 84 | 85 | 86 | 86 | 73·0 |
| 29 | 86 | 88 | 89 | 90 | 87 | 89 | 86 | 87 | 85 | 84 | 90 | 93 | 89 | 82 | 81 | 84 | 93 | 92 | 95 | 94 | 89 | 93 | 92 | 92 | 88 | 81 | 88·8 |
| 30 | 88 | 84 | 86 | 88 | 85 | 86 | 92 | 88 | 87 | 82 | 82 | 78 | 76 | 79 | 78 | 82 | 94 | 94 | 90 | 93 | 88 | 85 | 85 | 83 | 81 | 85·4 |
| 31 | 81 | 79 | 80 | 81 | 77 | 73 | 80 | 76 | 73 | 70 | 77 | 76 | 81 | 86 | 89 | 95 | 96 | 97 | 98 | 94 | 94 | 94 | 94 | 93 | 93 | 84·1 |
| Mean ... | 85·1 | 84·9 | 84·7 | 85·5 | 84·8 | 83·8 | 84·4 | 84·4 | 83·3 | 81·5 | 79·8 | 78·2 | 77·2 | 75·5 | 74·5 | 76·1 | 77·2 | 80·4 | 81·5 | 84·0 | 84·8 | 85·6 | 85·3 | 85·3 | 85·9 | 82·0 |
| Mean, 1886–1905. | 84·7 | 84·5 | 84·9 | 85·0 | 85·0 | 85·5 | 85·6 | 85·8 | 84·4 | 81·7 | 79·1 | 77·0 | 75·7 | 75·0 | 74·8 | 74·9 | 75·7 | 77·1 | 79·1 | 81·8 | 82·8 | 83·5 | 84·0 | 84·2 | 84·7 | 81·3 |

[*Price Sixpence.*]

# KEW OBSERVATORY. MARCH, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{\frac{1}{2}+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

KEW. DAILY EXTREMES OF PRESSURE AND TEMPERATURE. MARCH, 1908.

| Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·504 | 9·275 | 40·9 | 33·8 | 9 | 9·415 | 9·244 | 49·6 | 39·6 | 17 | 9·036 | 9·808 | 43·4 | 33·4 | 25 | 0·041 | 9·893 | 47·0 | 41·1 |
| 2 | 9·658 | 9·504 | 43·3 | 34·3 | 10 | 9·467 | 9·213 | 47·5 | 40·6 | 18 | 9·904 | 9·836 | 42·3 | 34·0 | 26 | 0·138 | 9·932 | 45·5 | 40·4 |
| 3 | 9·646 | 9·544 | 40·9 | 33·2 | 11 | 9·918 | 9·467 | 46·6 | 34·4 | 19 | 9·904 | 9·823 | 41·0 | 31·4 | 27 | 0·157 | 9·944 | 52·5 | 40·2 |
| 4 | 9·827 | 9·539 | 41·9 | 33·7 | 12 | 0·022 | 9·918 | 47·0 | 28·8 | 20 | 9·894 | 9·807 | 42·3 | 28·2 | 28 | 0·162 | 9·844 | 49·9 | 39·6 |
| 5 | 9·997 | 9·769 | 43·9 | 33·2 | 13 | 0·179 | 0·018 | 44·3 | 33·9 | 21 | 9·975 | 9·894 | 46·1 | 34·3 | 29 | 0·161 | 9·870 | 52·2 | 37·0 |
| 6 | 9·769 | **9·133** | 49·6 | 39·0 | 14 | **0·226** | 0·161 | 41·6 | 31·0 | 22 | 9·896 | 9·477 | 47·4 | 34·4 | 30 | 9·973 | 9·556 | 53·1 | 38·7 |
| 7 | 9·837 | 9·427 | 46·0 | 39·7 | 15 | **0·226** | 0·102 | 37·9 | **27·4** | 23 | 0·039 | 9·542 | 55·0 | 40·3 | 31 | 9·780 | 9·568 | 49·1 | 38·2 |
| 8 | 9·845 | 9·405 | 54·2 | 39·7 | 16 | 0·102 | 9·911 | 45·7 | 33·3 | 24 | 0·096 | 0·039 | **56·6** | 32·6 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 46·6 | 35·5 |

TABLE II.

KEW. PRESSURE IN ENGLISH INCHES, First figure omitted. MARCH, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·278 | 9·285 | 9·283 | 9·283 | 9·293 | 9·299 | 9·302 | 9·316 | 9·325 | 9·324 | 9·331 | 9·338 | 9·328 | 9·328 | 9·320 | 9·324 | 9·329 | 9·332 | 9·334 | 9·331 | 9·347 | 9·388 | 9·445 | 9·474 | 9·504 | 9·335 |
| 2 | 9·504 | 9·523 | 9·537 | 9·548 | 9·564 | 9·578 | 9·592 | 9·608 | 9·624 | 9·634 | 9·648 | 9·655 | 9·650 | 9·649 | 9·641 | 9·640 | 9·641 | 9·644 | 9·649 | 9·651 | 9·655 | 9·655 | 9·655 | 9·653 | 9·646 | 0·620 |
| 3 | 9·646 | 9·639 | 9·627 | 9·617 | 9·607 | 9·607 | 9·607 | 9·617 | 9·621 | 9·621 | 9·629 | 9·628 | 9·630 | 9·620 | 9·610 | 9·603 | 9·603 | 9·603 | 9·604 | 9·601 | 9·597 | 9·579 | 9·570 | 9·553 | 9·549 | 0·608 |
| 4 | 9·549 | 9·544 | 9·543 | 9·543 | 9·555 | 9·559 | 9·565 | 9·581 | 9·597 | 9·611 | 9·622 | 9·636 | 9·642 | 9·651 | 9·654 | 9·661 | 9·674 | 9·695 | 9·719 | 9·737 | 9·763 | 9·779 | 9·788 | 9·803 | 9·827 | 0·650 |
| 5 | 9·827 | 9·845 | 9·866 | 9·875 | 9·890 | 9·907 | 9·927 | 9·936 | 9·955 | 9·976 | 9·982 | 9·990 | 9·993 | 9·989 | 9·990 | 9·966 | 9·961 | 9·957 | 9·959 | 9·948 | 9·925 | 9·900 | 8·859 | 8·818 | 9·769 | 0·926 |
| 6 | 9·769 | 9·730 | 9·666 | 9·594 | 9·510 | 9·434 | 9·359 | 9·301 | 9·239 | 9·195 | 9·192 | 9·195 | 9·179 | 9·162 | 9·152 | 9·138 | 9·143 | 9·153 | 9·175 | 9·221 | 9·282 | 9·311 | 9·359 | 9·397 | 9·427 | 9·320 |
| 7 | 9·427 | 9·479 | 9·507 | 9·546 | 9·581 | 9·627 | 9·669 | 9·703 | 9·723 | 9·742 | 9·770 | 9·789 | 9·787 | 9·783 | 9·777 | 9·779 | 9·778 | 9·787 | 9·789 | 9·797 | 9·811 | 9·809 | 9·811 | 9·817 | 9·830 | 9·720 |
| 8 | 9·830 | 9·845 | 9·838 | 9·826 | 9·810 | 9·803 | 9·779 | 9·766 | 9·757 | 9·751 | 9·740 | 9·753 | 9·726 | 9·709 | 9·697 | 9·685 | 9·660 | 9·641 | 9·639 | 9·607 | 9·578 | 9·527 | 9·490 | 9·448 | 9·405 | 9·696 |
| 9 | 9·405 | 9·396 | 9·391 | 9·385 | 9·377 | 9·370 | 9·373 | 9·372 | 9·387 | 9·403 | 9·413 | 9·405 | 9·396 | 9·395 | 9·387 | 9·373 | 9·369 | 9·357 | 9·353 | 9·351 | 9·324 | 9·304 | 9·286 | 9·265 | 9·244 | 0·365 |
| 10 | 9·244 | 9·233 | 9·215 | 9·221 | 9·234 | 9·250 | 9·267 | 9·280 | 9·299 | 9·313 | 9·326 | 9·331 | 9·359 | 9·355 | 9·364 | 9·371 | 9·386 | 9·393 | 9·415 | 9·432 | 9·435 | 9·441 | 9·442 | 9·445 | 9·467 | 9·340 |
| 11 | 9·467 | 9·477 | 9·498 | 9·517 | 9·549 | 9·586 | 9·631 | 9·663 | 9·696 | 9·721 | 9·752 | 9·767 | 9·787 | 9·792 | 9·798 | 9·809 | 9·825 | 9·837 | 9·853 | 9·864 | 9·877 | 9·889 | 9·901 | 9·909 | 9·918 | 9·737 |
| 12 | 9·918 | 9·926 | 9·931 | 9·937 | 9·948 | 9·964 | 9·978 | 9·994 | 0·000 | 0·013 | 0·017 | 0·018 | 0·015 | 0·006 | 9·995 | 9·994 | 9·994 | 9·998 | 9·999 | 0·004 | 0·006 | 0·015 | 0·018 | 0·020 | 0·018 | 9·990 |
| 13 | 0·018 | 0·022 | 0·022 | 0·024 | 0·030 | 0·040 | 0·050 | 0·066 | 0·074 | 0·082 | 0·091 | 0·099 | 0·107 | 0·106 | 0·111 | 0·117 | 0·116 | 0·120 | 0·127 | 0·143 | 0·157 | 0·165 | 0·168 | 0·175 | 0·179 | 0·096 |
| 14 | 0·179 | 0·171 | 0·167 | 0·163 | 0·161 | 0·171 | 0·174 | 0·177 | 0·185 | 0·193 | 0·198 | 0·196 | 0·188 | 0·179 | 0·169 | 0·166 | 0·168 | 0·181 | 0·192 | 0·205 | 0·207 | 0·216 | 0·222 | 0·226 | 0·226 | 0·187 |
| 15 | 0·226 | 0·217 | 0·220 | 0·220 | 0·214 | 0·212 | 0·217 | 0·217 | 0·216 | 0·212 | 0·210 | 0·205 | 0·188 | 0·174 | 0·154 | 0·144 | 0·134 | 0·136 | 0·135 | 0·136 | 0·139 | 0·136 | 0·122 | 0·116 | 0·102 | 0·177 |
| 16 | 0·102 | 0·086 | 0·065 | 0·037 | 0·014 | 0·006 | 9·994 | 9·984 | 9·978 | 9·970 | 9·957 | 9·953 | 9·944 | 9·933 | 9·918 | 9·916 | 9·917 | 9·921 | 9·922 | 9·927 | 9·933 | 9·934 | 9·934 | 9·936 | 9·936 | 9·967 |
| 17 | 9·936 | 9·932 | 9·920 | 9·906 | 9·892 | 9·890 | 9·886 | 9·882 | 9·880 | 9·874 | 9·866 | 9·862 | 9·856 | 9·842 | 9·828 | 9·820 | 9·812 | 9·810 | 9·822 | 9·836 | 9·854 | 9·860 | 9·870 | 9·872 | 9·869 | 9·866 |
| 18 | 9·869 | 9·864 | 9·860 | 9·852 | 9·851 | 9·847 | 9·853 | 9·854 | 9·856 | 9·862 | 9·863 | 9·858 | 9·849 | 9·840 | 9·839 | 9·837 | 9·838 | 9·846 | 9·860 | 9·874 | 9·890 | 9·898 | 9·900 | 9·904 | 9·904 | 9·862 |
| 19 | 9·904 | 9·900 | 9·900 | 9·888 | 9·882 | 9·886 | 9·886 | 9·894 | 9·894 | 9·893 | 9·882 | 9·868 | 9·866 | 9·857 | 9·838 | 9·831 | 9·825 | 9·833 | 9·845 | 9·859 | 9·859 | 9·863 | 9·865 | 9·867 | 9·861 | 9·869 |
| 20 | 9·861 | 9·859 | 9·850 | 9·841 | 9·845 | 9·844 | 9·851 | 9·856 | 9·851 | 9·851 | 9·852 | 9·844 | 9·833 | 9·825 | 9·818 | 9·814 | 9·815 | 9·825 | 9·840 | 9·854 | 9·872 | 9·879 | 9·890 | 9·894 | 9·894 | 9·849 |
| 21 | 9·894 | 9·900 | 9·900 | 9·906 | 9·910 | 9·922 | 9·936 | 9·956 | 9·966 | 9·976 | 9·973 | 9·973 | 9·973 | 9·966 | 9·963 | 9·959 | 9·954 | 9·954 | 9·962 | 9·968 | 9·961 | 9·955 | 9·942 | 9·926 | 8·896 | 9·945 |
| 22 | 9·899 | 9·879 | 9·833 | 9·801 | 9·782 | 9·766 | 9·740 | 9·712 | 9·674 | 9·640 | 9·605 | 9·574 | 9·549 | 9·518 | 9·507 | 9·496 | 9·481 | 9·482 | 9·485 | 9·490 | 9·497 | 9·501 | 9·518 | 9·531 | 9·542 | 9·615 |
| 23 | 9·542 | 9·570 | 9·584 | 9·606 | 9·640 | 9·664 | 9·700 | 9·728 | 9·763 | 9·799 | 9·822 | 9·840 | 9·860 | 9·872 | 9·887 | 9·900 | 9·916 | 9·934 | 9·958 | 9·977 | 9·994 | 0·008 | 0·025 | 0·034 | 0·039 | 9·828 |
| 24 | 0·039 | 0·050 | 0·053 | 0·058 | 0·062 | 0·067 | 0·078 | 0·084 | 0·092 | 0·096 | 0·090 | 0·084 | 0·070 | 0·063 | 0·048 | 0·046 | 0·043 | 0·050 | 0·054 | 0·060 | 0·065 | 0·065 | 0·058 | 0·052 | 0·041 | 0·064 |
| 25 | 0·041 | 0·036 | 0·026 | 0·012 | 9·992 | 9·979 | 9·974 | 9·972 | 9·958 | 9·956 | 9·954 | 9·941 | 9·929 | 9·913 | 9·903 | 9·899 | 9·892 | 9·895 | 9·902 | 9·910 | 9·918 | 9·925 | 9·930 | 9·931 | 9·937 | 9·947 |
| 26 | 9·937 | 9·935 | 9·934 |

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 30 | 10 | 29 | 8 | 28 | 7 | 28 | 6 | 28 | 8 | 28 | 7 | 30 | 10 | 29 | 8 | 29 | 10 | 28 | 13 | 30 | 10 | 30 | 12 |
| 2 | 5 | 9 | 5 | 7 | 2 | 8 | 2 | 9 | 2 | 7 | 2 | 6 | 1 | 9 | 1 | 6 | 1 | 7 | 32 | 7 | 32 | 8 | 32 | 7 |
| 3 | — | 3 | 23 | 4 | 23 | 4 | 23 | 4 | — | 3 | 23 | 4 | 23 | 5 | 23 | 4 | 23 | 4 | — | 2 | — | 1 | — | 1 |
| 4 | 9 | 11 | 9 | 10 | 13 | 7 | 12 | 4 | 11 | 6 | 10 | 7 | 10 | 7 | 8 | 7 | 8 | 4 | 6 | 6 | 5 | 6 | — | 3 |
| 5 | 28 | 7 | 27 | 7 | 28 | 6 | 25 | 6 | 25 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | 25 | 6 | — | 3 | 22 | 5 |
| 6 | 16 | 12 | 16 | 10 | 15 | 11 | 16 | 18 | 14 | 15 | 16 | 18 | 16 | 20 | 17 | 21 | 17 | 15 | 20 | 17 | 19 | 19 | 19 | 21 |
| 7 | 27 | 21 | 27 | 20 | 26 | 17 | 26 | 18 | 27 | 18 | 26 | 15 | 26 | 14 | 26 | 19 | 24 | 15 | 25 | 15 | 24 | 11 | 24 | 9 |
| 8 | 22 | 4 | 22 | 4 | 22 | 6 | 21 | 7 | 21 | 6 | 19 | 10 | 19 | 10 | 20 | 12 | 20 | 10 | 23 | 11 | 24 | 12 | 23 | 18 |
| 9 | 21 | 21 | 21 | 16 | 20 | 18 | 21 | 20 | 21 | 19 | 22 | 18 | 21 | 18 | 21 | 18 | 22 | 16 | 22 | 15 | 22 | 15 | 22 | 18 |
| 10 | 22 | 15 | 22 | 13 | 24 | 15 | 24 | 18 | 24 | 17 | 24 | 17 | 24 | 18 | 24 | 18 | 24 | 17 | 24 | 17 | 23 | 16 | 23 | 16 |
| 11 | 26 | 18 | 27 | 18 | 28 | 15 | 28 | 14 | 29 | 12 | 30 | 12 | 30 | 9 | 29 | 7 | 30 | 12 | 31 | 12 | 31 | 10 | 32 | 9 |
| 12 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | 1 | 4 |
| 13 | — | 3 | 20 | 4 | 32 | 5 | — | 2 | — | 2 | — | 2 | — | 3 | 32 | 4 | 32 | 7 | 32 | 7 | 1 | 8 | 32 | 8 |
| 14 | 10 | 4 | — | 2 | 10 | 4 | 9 | 10 | 9 | 10 | 9 | 5 | — | 3 | 9 | 7 | 9 | 10 | 10 | 9 | 11 | 9 | 9 | 8 |
| 15 | — | 3 | — | 3 | — | 1 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 |
| 16 | 22 | 4 | 18 | 5 | — | 3 | — | 2 | — | 2 | — | 3 | 18 | 4 | 18 | 6 | 18 | 8 | 20 | 10 | 21 | 7 | 20 | 7 |
| 17 | 1 | 5 | 1 | 4 | 1 | 5 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | 1 | 4 | 32 | 7 | 32 | 8 | 29 | 8 |
| 18 | 32 | 4 | — | 3 | 32 | 4 | 32 | 6 | 32 | 5 | 32 | 7 | 1 | 7 | 1 | 7 | 1 | 8 | 1 | 7 | 1 | 8 | 1 | 7 |
| 19 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 7 | 4 | 7 | 4 | 5 | 4 | 6 | 4 | 7 | 4 | 7 | 4 | 9 | 2 | 10 | 3 | 12 |
| 20 | 4 | 4 | — | 3 | — | 2 | — | 3 | 4 | 4 | — | 2 | — | 2 | — | 2 | 4 | 4 | 3 | 4 | 1 | 7 | 32 | 7 |
| 21 | — | 1 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 3 | 22 | 6 | 18 | 4 | 21 | 4 | 21 | 4 |
| 22 | 13 | 4 | 13 | 6 | 15 | 10 | 15 | 7 | 15 | 8 | 14 | 10 | 13 | 11 | 14 | 16 | 15 | 20 | 15 | 23 | 15 | 22 | 14 | 20 |
| 23 | — | 1 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | — | 3 | 25 | 5 | 25 | 5 | 25 | 5 | — | 2 | — | 2 |
| 24 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 0 | — | 0 | — | 0 | — | 2 | 19 | 6 | 20 | 10 | 21 | 11 |
| 25 | 19 | 4 | 19 | 5 | 13 | 4 | — | 2 | — | 3 | 13 | 4 | 13 | 5 | 13 | 4 | 13 | 6 | 11 | 7 | 11 | 11 | 9 | 11 |
| 26 | 31 | 10 | 31 | 10 | 32 | 8 | 31 | 8 | 31 | 10 | 32 | 7 | 30 | 7 | 31 | 7 | 30 | 7 | 31 | 7 | 31 | 7 | 32 | 7 |
| 27 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 20 | 4 | 20 | 5 | 20 | 7 |
| 28 | 17 | 10 | 17 | 11 | 18 | 9 | 18 | 13 | 17 | 10 | 17 | 8 | 28 | 10 | 29 | 12 | 30 | 13 | 30 | 13 | 30 | 14 | 28 | 12 |
| 29 | — | 3 | 20 | 4 | 20 | 5 | 20 | 7 | 20 | 7 | 20 | 5 | 20 | 4 | 18 | 11 | 21 | 15 | 20 | 17 | 19 | 19 | 19 | 20 |
| 30 | 22 | 7 | 22 | 5 | 22 | 5 | 22 | 4 | 22 | 4 | 22 | 5 | 22 | 7 | 21 | 8 | 19 | 13 | 20 | 14 | 21 | 15 | 21 | 15 |
| 31 | 22 | 13 | 22 | 15 | 24 | 11 | 24 | 12 | 23 | 16 | 25 | 15 | 24 | 16 | 24 | 18 | 26 | 21 | 26 | 19 | 26 | 21 | 25 | 21 |
| Mean ... | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 9 | — | 10 | — | 10 | — | 10 |
| Mean, 1881-1905. | — | 7·0 | — | 7·0 | — | 6·8 | — | 6·8 | — | 6·9 | — | 7·0 | — | 7·3 | — | 8·1 | — | 9·6 | — | 10·6 | — | 11·6 | — | 11·7 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of has been applied for friction. When the velocity is less than 4 miles per hour,

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. MARCH, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 01 | 02 | 03 | 04 | — | — | — | — | 12 |
| 2 | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 3 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 | 06 | 05 | 16 |
| 4 | 02 | 04 | 02 | 01 | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | 01 | 04 | 04 | 07 | 05 | 05 | 02 | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | 30 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | 01 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 05 |
| 9 | 01 | — | — | — | — | 02 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 10 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 11 | — | — | — | — | 01 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | 01 | — | — | — | — | 01 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | 05 | 11 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 04 | — | 01 | — | — | 02 | 01 | 01 | — | — | 11 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | 01 | — | — | — | — | — | 03 | 04 | 07 | 11 | 06 | 02 | 01 | 08 | 06 | 03 | 04 | 01 | 05 | 03 | 10 | 03 | 06 | 84 |
| 26 | 03 | 01 | 01 | 01 | — | — | — | 02 | 01 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 10 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | 01 | 03 | 03 | 02 | 03 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 | 02 | — | 08 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 | 04 | 02 | 04 | — | — | 18 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 07 | 09 | 07 | 09 | 07 | 13 | 12 | 14 | 09 | 08 | 11 | 06 | 02 | 05 | 13 | 06 | 06 | 06 | 13 | 18 | 06 | 25 | 11 | 18 | 2·41 |
| Average 1871-1905 | ·051 | ·062 | ·059 | ·060 | ·060 | ·082 | ·079 | ·059 | ·060 | ·065 | ·043 | ·053 | ·065 | ·058 | ·072 | ·060 | ·060 | ·078 | ·059 | ·064 | ·071 | ·077 | ·077 | ·056 | 1·533 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. MARCH, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 30 | 12 | 32 | 12 | 30 | 9 | 28 | 8 | 29 | 8 | 29 | 8 | 27 | 7 | 1 | 11 | 4 | 18 | 5 | 16 | 4 | 13 | 4 | 12 | 10 | 1 |
| 32 | 7 | 29 | 7 | 30 | 8 | 30 | 6 | — | 3 | 28 | 5 | 28 | 4 | — | 3 | 28 | 4 | — | 3 | — | 3 | 28 | 4 | 6 | 2 |
| — | 2 | — | 3 | 17 | 5 | 10 | 6 | 10 | 5 | 10 | 4 | 23 | 4 | — | 2 | 8 | 17 | 8 | 15 | 7 | 18 | 9 | 16 | 6 | 3 |
| 1 | 6 | 1 | 6 | 1 | 5 | 30 | 7 | 28 | 4 | — | 3 | — | 2 | — | 3 | 29 | 5 | 27 | 4 | 27 | 4 | 23 | 6 | 6 | 4 |
| 19 | 7 | 22 | 7 | 22 | 5 | 22 | 6 | 22 | 4 | 22 | 4 | 18 | 5 | 18 | 7 | 18 | 7 | 18 | 8 | 16 | 7 | 16 | 10 | 6 | 5 |
| 19 | 21 | 19 | 23 | 19 | 19 | 19 | 15 | 21 | 10 | 21 | 8 | 26 | 15 | 26 | 13 | 26 | 15 | 26 | 15 | 26 | 15 | 27 | 21 | 16 | 6 |
| 23 | 10 | 24 | 13 | 22 | 10 | 24 | 12 | 23 | 10 | 22 | 7 | 22 | 6 | 22 | 7 | 22 | 9 | 22 | 6 | 22 | 6 | 22 | 5 | 12 | 7 |
| 22 | 13 | 22 | 12 | 21 | 15 | 20 | 15 | 21 | 15 | 20 | 19 | 20 | 21 | 20 | 21 | 20 | 26 | 20 | 29 | 20 | 26 | 20 | 29 | 15 | 8 |
| 23 | 15 | 23 | 18 | 21 | 17 | 23 | 20 | 23 | 14 | 23 | 15 | 21 | 15 | 21 | 14 | 22 | 16 | 20 | 13 | 20 | 18 | 21 | 16 | 17 | 9 |
| 24 | 19 | 25 | 19 | 26 | 21 | 26 | 18 | 26 | 18 | 25 | 15 | 26 | 15 | 25 | 16 | 26 | 18 | 26 | 18 | 26 | 18 | 26 | 18 | 17 | 10 |
| 32 | 10 | 32 | 9 | 31 | 8 | 32 | 5 | 31 | 4 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | 8 | 11 |
| 5 | 5 | — | 3 | — | 2 | 15 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | 18 | 5 | 19 | 5 | 19 | 7 | 20 | 4 | 3 | 12 |
| 2 | 7 | 32 | 8 | 2 | 7 | 3 | 7 | 3 | 4 | 3 | 4 | 10 | 9 | 10 | 7 | 10 | 4 | 10 | 6 | 10 | 4 | 10 | 4 | 5 | 13 |
| 9 | 9 | 8 | 10 | 7 | 8 | 7 | 10 | 5 | 9 | 7 | 7 | 7 | 6 | 9 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 6 | 14 |
| — | 3 | — | 2 | — | 1 | — | 0 | — | 2 | — | 3 | 28 | 4 | 28 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | 2 | 15 |
| 20 | 4 | 22 | 4 | 22 | 5 | 25 | 6 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 32 | 4 | 1 | 4 | 1 | 8 | 4 | 16 |
| 32 | 7 | 32 | 8 | 32 | 10 | 32 | 9 | 1 | 8 | 32 | 7 | 1 | 7 | 2 | 10 | 2 | 5 | 2 | 5 | — | 3 | 2 | 4 | 6 | 17 |
| 1 | 8 | 4 | 10 | 4 | 10 | 5 | 10 | 5 | 12 | 5 | 12 | 7 | 11 | 7 | 11 | 6 | 12 | 5 | 10 | 5 | 7 | 5 | 5 | 8 | 18 |
| 3 | 10 | 5 | 9 | 2 | 8 | 4 | 11 | 2 | 9 | 2 | 5 | — | 2 | — | 3 | — | 3 | — | 2 | — | 1 | — | 3 | 6 | 19 |
| 32 | 5 | 32 | 4 | — | 3 | 32 | 5 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | 3 | 20 |
| 21 | 4 | 19 | 4 | 16 | 6 | 16 | 5 | 14 | 6 | 17 | 5 | — | 3 | — | 2 | 17 | 5 | 17 | 4 | 17 | 4 | — | 3 | 3 | 21 |
| 15 | 22 | 17 | 23 | 16 | 18 | 14 | 18 | 16 | 14 | 17 | 13 | 16 | 12 | 16 | 7 | 15 | 6 | 15 | 4 | 15 | 4 | — | 2 | 13 | 22 |
| 28 | 4 | 27 | 5 | 24 | 5 | 24 | 5 | 25 | 4 | 25 | 4 | — | 1 | — | 2 | 25 | 4 | 25 | 4 | 25 | 4 | — | 2 | 3 | 23 |
| 18 | 9 | 18 | 10 | 20 | 11 | 19 | 10 | 19 | 9 | 19 | 8 | 19 | 6 | 19 | 5 | 19 | 4 | 19 | 4 | — | 3 | — | 3 | 5 | 24 |
| 10 | 10 | 10 | 12 | 10 | 11 | 9 | 9 | 9 | 7 | 12 | 5 | — | 2 | 13 | 4 | — | 2 | 28 | 7 | 30 | 9 | 31 | 8 | 6 | 25 |
| 32 | 6 | 1 | 5 | 31 | 4 | 31 | 4 | — | 3 | 31 | 4 | 31 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 1 | 6 | 26 |
| 19 | 7 | 18 | 10 | 19 | 12 | 21 | 14 | 20 | 12 | 19 | 12 | 19 | 9 | 18 | 8 | 17 | 7 | 17 | 9 | 17 | 9 | 17 | 8 | 6 | 27 |
| 28 | 11 | 28 | 10 | 28 | 11 | 29 | 9 | 29 | 7 | 29 | 4 | 29 | 4 | 29 | 4 | 20 | 4 | 20 | 5 | 20 | 6 | 20 | 5 | 9 | 28 |
| 19 | 20 | 20 | 21 | 19 | 21 | 19 | 16 | 20 | 16 | 19 | 18 | 19 | 18 | 19 | 17 | 20 | 18 | 21 | 14 | 24 | 7 | 24 | 6 | 13 | 29 |
| 20 | 17 | 19 | 19 | 21 | 21 | 20 | 18 | 19 | 18 | 19 | 18 | 19 | 19 | 19 | 25 | 19 | 25 | 19 | 24 | 20 | 17 | 23 | 15 | 14 | 30 |
| 26 | 21 | 25 | 20 | 23 | 17 | 24 | 15 | 24 | 16 | 24 | 10 | 22 | 9 | 23 | 6 | 23 | 4 | 23 | 4 | 23 | 5 | 23 | 6 | 14 | 31 |
| — | 10 | — | 11 | — | 10 | — | 10 | — | 8 | — | 8 | — | 7 | — | 8 | — | 8 | — | 8 | — | 8 | — | 7 | — | 7 | 8 | Mean, 1881-1905. |
| — | 11·7 | — | 11·8 | — | 11·4 | — | 11·0 | — | 10·1 | — | 8·9 | — | 8·1 | — | 7·9 | — | 7·8 | — | 7·3 | — | 7·1 | — | 7·0 | 8·8 | |

the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. MARCH, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | ·1 | ·4 | ·1 | ·4 | ·3 | ·1 | — | — | — | — | — | — | — | 1·4 | Fair to dull, with ✳ and ●. |
| 2 | — | — | — | — | — | — | — | — | ·6 | ·6 | ·3 | — | — | — | — | — | — | 1·5 | ●, ✳, T between 6h. and 8h., then fine to |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●, ✳, ≋, and overcast all day. [dull. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·7 | ✳ early, then fair ; fine at night. |
| 5 | — | — | — | — | ·9 | 1·0 | 1·0 | ·9 | ·1 | — | ·3 | ·2 | ·3 | — | — | — | — | 4·7 | ≋, but fine most of day ; ⊕ in afternoon. |
| 6 | — | — | — | — | — | — | ·2 | ·9 | ·8 | ·9 | ·5 | ·2 | — | — | — | — | — | 3·5 | ● till 9h., then fair ; dull again after 16h. |
| 7 | — | — | — | ·2 | ·2 | — | — | — | — | — | — | — | — | — | — | — | — | 0·4 | Overcast to cloudy. [at night. |
| 8 | — | — | — | — | — | — | — | ·1 | ·6 | — | — | — | — | — | — | — | — | 0·7 | Dull most of day, with occasional ●◦ ; |
| 9 | — | — | — | — | ·5 | ·5 | ·1 | ·3 | ·5 | ·2 | ·8 | 1·0 | ·9 | ·3 | — | — | — | 5·1 | ●◦ showers A.M., but generally fine. |
| 10 | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | 0·1 | Dull day. |
| 11 | — | — | — | ·1 | ·4 | ·7 | ·6 | ·7 | ·2 | ·4 | ·7 | ·4 | ·7 | — | — | — | — | 4·9 | ●◦ early, but fine most of day. |
| 12 | — | — | — | — | — | ·3 | ·9 | 1·0 | 1·0 | ·7 | ·4 | ·1 | — | — | — | — | — | 4·4 | ≋, fine after 11h. |
| 13 | — | — | — | — | ·8 | 1·0 | 1·0 | ·8 | ·8 | ·2 | ·2 | ·5 | ·9 | — | — | — | — | 6·2 | Fine day ; ≋◦ in evening. |
| 14 | — | — | — | — | — | ·4 | ·6 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | — | — | 4·6 | Fine, but hazy. |
| 15 | — | — | — | — | — | ·3 | — | — | — | — | — | — | — | — | — | — | — | 0·3 | A.M. ≋◦, but fine ; P.M. overcast. |
| 16 | — | — | — | — | — | — | — | — | — | ·2 | ·3 | ·3 | — | — | — | — | — | 0·8 | ● and ✳ showers ; dull to fair. |
| 17 | — | — | — | — | ·5 | 1·0 | ·9 | ·9 | ·7 | ·3 | ·8 | ·9 | 1·0 | ·3 | — | — | — | 7·3 | Fine day. |
| 18 | — | — | — | — | — | — | ·2 | ·1 | ·3 | — | — | ·1 | ·4 | — | — | — | — | 1·1 | ≋◦ and ●◦ ; ▲ in afternoon, but fair |
| 19 | — | — | — | — | ·5 | ·8 | 1·0 | ·9 | ·8 | ·5 | — | ·1 | — | — | — | — | — | 4·6 | ≋◦ ; fine to fair. [most of day. |
| 20 | — | — | — | — | — | ·1 | 1·0 | 1·0 | ·9 | ·8 | ·4 | — | — | — | — | — | — | 4·2 | ≋◦ ; day mostly fine ; evening overcast, |
| 21 | — | — | — | — | — | ·9 | ·9 | ·6 | — | ·3 | — | — | ·1 | ·2 | — | — | — | 3·0 | A.M. fine ; P.M. fair. |
| 22 | — | — | — | ·7 | ·9 | ·1 | — | — | — | — | — | — | — | — | — | — | — | 1·7 | Fine at first, then dull, with ● P.M. |
| 23 | — | — | — | — | — | — | ·5 | ·9 | ·5 | ·5 | ·8 | ·9 | ·9 | ·4 | — | — | — | 5·4 | Fine during day ; ≋◦ in evening. |
| 24 | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | 1·0 | ·2 | — | — | — | — | 8·1 | ≋◦ in morning, but a fine day. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet, misty day. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋◦, ●, dull. |
| 27 | — | — | — | — | — | — | ·4 | ·9 | ·4 | ·9 | ·9 | 1·0 | ·7 | — | — | — | — | 5·2 | Overcast and misty at first, then fine. |
| 28 | — | — | — | — | — | — | ·6 | ·3 | ·8 | ·6 | ·9 | 1·0 | 1·0 | ·1 | — | — | — | 5·3 | ● early, then fair to fine. [in evening. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 4·3 | Fine to fair during day ; overcast and ● |
| 30 | — | — | — | ·5 | 1·0 | ·6 | ·8 | 1·0 | ·1 | — | ·1 | ·1 | ·1 | — | — | — | — | 7·0 | Day generally fine, becoming dull with ● |
| 31 | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | ·7 | 1·0 | ·9 | ·6 | ·2 | — | — | — | — | — | 7·3 | Fine day ; ⊕ at 14h. [after 18h. |
| | — | — | ·2 | ·8 | 1·0 | ·6 | 1·0 | 1·0 | 1·0 | ·5 | ·3 | — | ·3 | ·6 | — | — | — | 7·3 | |
| | — | — | 0·2 | 3·2 | 8·8 | 10·4 | 12·0 | 15·2 | 13·3 | 10·8 | 9·6 | 8·2 | 8·3 | 3·7 | 0·1 | — | — | 103·8 | Total. |
| | — | — | 0·08 | 2·42 | 7·01 | 10·25 | 11·80 | 12·68 | 12·41 | 12·42 | 11·73 | 11·07 | 8·71 | 3·94 | 0·22 | — | — | 104·74 | Mean Total, 1881-1905. |

TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MARCH, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 37·2 | 36·3 | 36·4 | 36·6 | 35·7 | 36·2 | 36·0 | 35·8 | 35·3 | 36·7 | 37·6 | 38·0 | 40·0 | 37·4 | 38·2 | 36·3 | 36·5 | 37·0 | 35·0 | 35·0 | 35·0 | 35·0 | 36·0 | 36·9 | 36·3 | 36·5 |
| 2 | 36·3 | 35·3 | 34·7 | 35·3 | 34·8 | 35·1 | 34·8 | 34·4 | 34·9 | 36·2 | 37·0 | 38·2 | 39·4 | 41·4 | 42·5 | 42·1 | 41·9 | 41·3 | 40·3 | 39·6 | 38·5 | 38·0 | 37·0 | 36·3 | 35·8 | 37·7 |
| 3 | 35·8 | 35·0 | 34·0 | 33·8 | 33·4 | 33·3 | 33·2 | 33·9 | 34·4 | 35·9 | 37·2 | 38·1 | 39·7 | 40·7 | 40·8 | 40·1 | 39·0 | 38·7 | 37·9 | 38·0 | 37·7 | 37·7 | 37·6 | 36·7 | 36·7 | 36·0 |
| 4 | 36·6 | 34·0 | 34·9 | 34·9 | 34·9 | 35·0 | 34·9 | 35·5 | 35·5 | 36·5 | 37·1 | 38·3 | 38·7 | 40·0 | 41·0 | 41·3 | 41·1 | 41·0 | 40·0 | 38·5 | 37·7 | 37·5 | 36·2 | 35·7 | 34·8 | 37·3 |
| 5 | 34·8 | 35·3 | 35·4 | 35·1 | 35·4 | 34·6 | 33·4 | 33·3 | 33·6 | 35·6 | 37·3 | 40·0 | 41·7 | 42·9 | 42·4 | 43·1 | 43·9 | 42·1 | 41·0 | 40·0 | 38·0 | 36·8 | 37·0 | 37·3 | 38·6 | 38·9 |
| 6 | 38·9 | 40·4 | 40·7 | 41·6 | 41·9 | 41·2 | 43·0 | 44·0 | 44·9 | 45·5 | 47·0 | 48·0 | 48·7 | 49·1 | 48·2 | 47·4 | 45·9 | 44·7 | 44·0 | 42·2 | 40·8 | 41·4 | 40·9 | 40·0 | 41·3 | 43·8 |
| 7 | 41·3 | 41·7 | 42·2 | 42·4 | 41·8 | 41·5 | 40·3 | 39·9 | 40·6 | 41·1 | 41·9 | 42·8 | 43·4 | 44·1 | 45·0 | 45·9 | 45·6 | 44·7 | 43·6 | 42·6 | 41·9 | 41·0 | 40·6 | 40·2 | 40·0 | 42·3 |
| 8 | 40·0 | 39·8 | 40·1 | 41·0 | 41·2 | 41·9 | 42·6 | 43·1 | 44·6 | 46·3 | 50·1 | 50·4 | 53·1 | 53·7 | 53·9 | 53·6 | 53·1 | 52·9 | 51·2 | 50·5 | 50·3 | 50·0 | 50·2 | 49·6 | 49·4 | 47·8 |
| 9 | 49·4 | 48·9 | 48·0 | 47·0 | 46·9 | 46·5 | 46·0 | 45·0 | 45·1 | 45·5 | 44·0 | 44·2 | 46·5 | 46·3 | 47·1 | 48·0 | 47·1 | 46·6 | 45·5 | 42·6 | 40·4 | 41·6 | 39·7 | 40·0 | 41·1 | 45·1 |
| 10 | 41·1 | 40·7 | 41·6 | 43·1 | 43·1 | 43·1 | 43·2 | 43·7 | 43·3 | 44·1 | 44·4 | 45·6 | 45·3 | 46·2 | 47·0 | 46·9 | 46·6 | 45·9 | 45·0 | 44·4 | 43·9 | 43·9 | 43·6 | 43·1 | 41·9 | 44·1 |
| 11 | 41·9 | 41·4 | 42·0 | 42·1 | 42·2 | 42·0 | 42·1 | 42·1 | 39·0 | 42·0 | 43·3 | 43·7 | 44·1 | 45·0 | 45·9 | 46·6 | 45·3 | 44·9 | 43·0 | 39·9 | 39·3 | 37·0 | 38·2 | 36·1 | 35·6 | 41·9 |
| 12 | 35·6 | 34·2 | 33·9 | 32·3 | 29·9 | 30·9 | 30·4 | 29·8 | 30·7 | 31·8 | 34·0 | 39·0 | 43·2 | 45·2 | 46·6 | 46·3 | 46·3 | 44·6 | 42·3 | 39·5 | 38·9 | 39·2 | 39·4 | 38·0 | 37·4 | 37·6 |
| 13 | 37·4 | 37·0 | 36·4 | 38·0 | 37·3 | 35·8 | 35·3 | 34·3 | 35·2 | 38·0 | 40·7 | 42·0 | 42·7 | 43·3 | 44·0 | 43·1 | 43·7 | 43·1 | 41·7 | 38·5 | 37·4 | 36·0 | 35·4 | 34·4 | 34·2 | 38·7 |
| 14 | 34·2 | 34·9 | 33·9 | 34·3 | 34·4 | 34·0 | 33·1 | 33·6 | 34·6 | 36·7 | 37·9 | 39·7 | 40·1 | 41·0 | 41·6 | 41·3 | 40·6 | 40·0 | 38·6 | 37·1 | 34·9 | 34·3 | 33·1 | 32·0 | 31·0 | 36·4 |
| 15 | 31·0 | 31·0 | 30·7 | 29·1 | 28·1 | 28·7 | 28·0 | 28·0 | 30·0 | 33·3 | 34·0 | 35·0 | 36·3 | 37·5 | 37·9 | 37·9 | 37·2 | 37·0 | 37·0 | 36·7 | 35·5 | 35·3 | 35·3 | 35·1 | 34·7 | 33·6 |
| 16 | 34·7 | 34·1 | 33·8 | 33·5 | 33·4 | 33·4 | 34·0 | 35·3 | 37·3 | 39·9 | 41·1 | 40·1 | 41·4 | 42·0 | 43·7 | 45·1 | 43·6 | 43·2 | 42·6 | 42·0 | 41·3 | 41·0 | 40·4 | 39·6 | 37·5 | 39·1 |
| 17 | 37·5 | 37·0 | 36·6 | 36·2 | 35·4 | 34·7 | 33·7 | 33·4 | 33·9 | 36·1 | 39·1 | 40·7 | 42·0 | 41·1 | 42·3 | 42·7 | 43·1 | 41·9 | 40·9 | 40·3 | 38·9 | 36·3 | 35·3 | 36·0 | 35·8 | 38·1 |
| 18 | 35·8 | 35·9 | 35·8 | 36·1 | 35·7 | 35·5 | 35·4 | 35·9 | 36·3 | 36·6 | 37·8 | 38·3 | 40·3 | 42·3 | 38·8 | 41·1 | 41·9 | 41·1 | 41·0 | 39·9 | 38·9 | 37·9 | 37·0 | 36·3 | 34·0 | 37·9 |
| 19 | 34·0 | 33·1 | 32·4 | 32·0 | 31·6 | 31·9 | 31·6 | 31·8 | 34·0 | 36·2 | 38·0 | 39·7 | 39·8 | 40·0 | 40·5 | 40·5 | 40·1 | 38·4 | 38·0 | 36·9 | 35·4 | 36·0 | 34·0 | 33·1 | 31·9 | 35·8 |
| 20 | 31·6 | 31·4 | 30·6 | 29·4 | 29·4 | 29·3 | 29·1 | 29·2 | 31·0 | 31·0 | 33·6 | 37·9 | 39·8 | 40·7 | 41·5 | 42·0 | 41·0 | 40·0 | 39·6 | 39·0 | 38·9 | 38·0 | 37·4 | 37·1 | 36·2 | 35·5 |
| 21 | 36·2 | 36·0 | 36·3 | 35·7 | 35·3 | 35·2 | 34·8 | 34·9 | 35·9 | 38·1 | 41·1 | 43·3 | 43·6 | 45·0 | 45·0 | 46·0 | 45·7 | 44·0 | 42·6 | 40·3 | 37·0 | 36·1 | 35·8 | 35·0 | 34·4 | 39·1 |
| 22 | 34·4 | 35·0 | 35·0 | 37·6 | 37·0 | 36·5 | 37·4 | 38·3 | 41·6 | 45·1 | 46·1 | 47·0 | 46·7 | 47·0 | 45·0 | 42·4 | 42·3 | 41·6 | 41·6 | 42·2 | 42·2 | 42·3 | 42·3 | 42·4 | 42·4 | 41·4 |
| 23 | 42·4 | 42·6 | 42·7 | 42·7 | 42·5 | 42·6 | 42·4 | 42·7 | 42·9 | 44·0 | 45·0 | 47·4 | 49·4 | 51·4 | 53·1 | 54·0 | 54·3 | 54·1 | 51·9 | 48·7 | 46·3 | 44·8 | 43·7 | 42·8 | 40·3 | 46·4 |
| 24 | 40·3 | 38·1 | 36·7 | 37·7 | 35·9 | 34·4 | 33·6 | 33·5 | 37·2 | 43·9 | 48·0 | 51·9 | 53·3 | 55·2 | 55·5 | 56·0 | 54·0 | 52·7 | 50·6 | 49·3 | 48·4 | 47·9 | 46·7 | 46·4 | 45·9 | 45·4 |
| 25 | 45·9 | 45·6 | 44·6 | 43·6 | 43·3 | 43·0 | 43·6 | 43·8 | 44·7 | 45·3 | 45·5 | 45·7 | 46·1 | 47·0 | 46·4 | 46·1 | 45·9 | 45·5 | 45·4 | 44·2 | 43·9 | 44·0 | 42·0 | 41·2 | 41·1 | 44·6 |
| 26 | 41·1 | 41·2 | 41·0 | 40·8 | 40·6 | 40·6 | 40·4 | 40·8 | 40·8 | 41·2 | 42·2 | 43·3 | 44·1 | 45·0 | 44·9 | 45·3 | 44·9 | 44·7 | 44·7 | 44·3 | 43·6 | 43·3 | 43·1 | 42·9 | 41·4 | 42·7 |
| 27 | 41·4 | 41·0 | 40·6 | 40·9 | 40·8 | 41·2 | 41·2 | 41·1 | 41·0 | 41·1 | 42·0 | 45·7 | 47·6 | 49·6 | 51·6 | 52·0 | 52·0 | 50·5 | 48·5 | 46·7 | 44·9 | 42·3 | 42·4 | 43·1 | 43·7 | 44·6 |
| 28 | 43·7 | 44·4 | 44·8 | 44·0 | 44·5 | 44·0 | 44·1 | 42·7 | 41·4 | 42·6 | 44·1 | 46·0 | 46·9 | 48·1 | 47·4 | 49·1 | 49·0 | 49·7 | 48·4 | 45·5 | 43·0 | 41·8 | 41·0 | 40·4 | 39·6 | 44·8 |
| 29 | 39·6 | 38·5 | 37·0 | 37·9 | 38·0 | 38·7 | 37·9 | 40·0 | 44·6 | 47·0 | 49·0 | 50·7 | 51·6 | 52·2 | 51·3 | 51·0 | 50·2 | 48·9 | 48·0 | 47·8 | 47·9 | 48·0 | 46·9 | 44·2 | 44·0 | 45·4 |
| 30 | 44·0 | 43·4 | 42·9 | 41·9 | 40·4 | 39·5 | 38·7 | 40·0 | 42·8 | 45·0 | 47·0 | 48·8 | 49·6 | 51·7 | 52·6 | 51·9 | 49·8 | 48·8 | 48·2 | 47·3 | 46·4 | 47·0 | 47·1 | 47·4 | 48·4 | 46·0 |
| 31 | 48·4 | 46·9 | 46·7 | 44·1 | 44·4 | 44·1 | 42·4 | 42·1 | 44·1 | 45·0 | 46·3 | 47·8 | 47·7 | 48·1 | 48·6 | 47·7 | 47·7 | 47·3 | 48·0 | 45·9 | 43·8 | 42·0 | 41·0 | 39·8 | 38·7 | 44·8 |
| Mean ... | 38·8 | 38·4 | 38·1 | 38·1 | 37·7 | 37·6 | 37·3 | 37·5 | 38·4 | 40·1 | 41·6 | 43·1 | 44·3 | 45·2 | 45·5 | 45·6 | 45·1 | 44·4 | 43·3 | 42·0 | 40·9 | 40·4 | 39·8 | 39·3 | 38·8 | 40·9 |
| Mean, 1871–1905. | 39·7 | 39·3 | 38·9 | 38·6 | 38·3 | 38·1 | 37·9 | 38·3 | 39·4 | 41·3 | 43·0 | 44·8 | 45·9 | 47·0 | 47·3 | 47·6 | 47·2 | 46·3 | 44·8 | 43·4 | 42·3 | 41·6 | 40·9 | 40·3 | 39·8 | 42·1 |

TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MARCH, 1908.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 69 | 77 | 75 | 71 | 76 | 75 | 76 | 75 | 78 | 74 | 73 | 73 | 65 | 82 | 79 | 85 | 82 | 81 | 88 | 86 | 88 | 83 | 83 | 84 | 82 | 78·5 |
| 2 | 82 | 81 | 83 | 81 | 81 | 83 | 86 | 86 | 87 | 81 | 76 | 75 | 74 | 68 | 62 | 67 | 67 | 69 | 69 | 72 | 75 | 77 | 81 | 83 | 84 | 77·0 |
| 3 | 84 | 85 | 85 | 84 | 86 | 85 | 86 | 83 | 86 | 87 | 84 | 83 | 80 | 74 | 73 | 76 | 78 | 81 | 83 | 82 | 82 | 84 | 87 | 88 | 90 | 82·9 |
| 4 | 90 | 90 | 91 | 89 | 84 | 85 | 84 | 84 | 83 | 84 | 82 | 80 | 78 | 74 | 70 | 72 | 72 | 72 | 74 | 79 | 79 | 84 | 89 | 90 | 92 | 81·7 |
| 5 | 92 | 88 | 87 | 84 | 87 | 83 | 87 | 84 | 82 | 77 | 75 | 73 | 72 | 71 | 70 | 72 | 65 | 69 | 69 | 73 | 76 | 81 | 81 | 86 | 85 | 79·0 |
| 6 | 85 | 81 | 86 | 88 | 89 | 91 | 90 | 89 | 90 | 91 | 88 | 77 | 70 | 67 | 68 | 69 | 73 | 77 | 80 | 87 | 83 | 78 | 79 | 84 | 75 | 81·4 |
| 7 | 75 | 73 | 70 | 67 | 71 | 69 | 68 | 68 | 66 | 68 | 67 | 68 | 69 | 65 | 66 | 71 | 67 | 69 | 76 | 82 | 86 | 85 | 87 | 90 | 90 | 73·0 |
| 8 | 90 | 91 | 92 | 92 | 92 | 92 | 93 | 96 | 89 | 88 | 88 | 77 | 77 | 76 | 78 | 81 | 85 | 84 | 82 | 84 | 86 | 88 | 90 | 90 | 88 | 86·8 |
| 9 | 90 | 87 | 86 | 84 | 78 | 77 | 76 | 77 | 78 | 74 | 81 | 79 | 72 | 69 | 65 | 63 | 66 | 54 | 55 | 63 | 73 | 82 | 78 | 83 | 79 | 78 | 74·8 |
| 10 | 78 | 86 | 86 | 78 | 77 | 72 | 74 | 70 | 73 | 70 | 71 | 70 | 72 | 69 | 66 | 67 | 64 | 65 | 69 | 68 | 68 | 67 | 65 | 68 | 76 | 71·3 |
| 11 | 76 | 80 | 78 | 79 | 80 | 81 | 80 | 75 | 87 | 76 | 72 | 66 | 64 | 60 | 58 | 58 | 64 | 64 | 69 | 82 | 84 | 85 | 84 | 90 | 86 | 74·9 |
| 12 | 86 | 87 | 88 | 94 | 88 | 88 | 87 | 86 | 90 | 88 | 77 | 71 | 69 | 65 | 63 | 65 | 70 | 76 | 80 | 86 | 86 | 84 | 88 | 89 | 88 | 81·3 |
| 13 | 85 | 84 | 83 | 82 | 85 | 89 | 88 | 88 | 88 | 78 | 69 | 66 | 65 | 63 | 61 | 65 | 62 | 62 | 68 | 82 | 84 | 86 | 83 | 82 | 80 | 77·0 |
| 14 | 80 | 78 | 80 | 78 | 76 | 73 | 71 | 74 | 71 | 64 | 67 | 60 | 62 | 59 | 60 | 59 | 60 | 59 | 60 | 64 | 68 | 67 | 69 | 74 | 74 | 67·9 |
| 15 | 74 | 72 | 72 | 75 | 81 | 81 | 80 | 80 | 72 | 72 | 71 | 73 | 74 | 73 | 75 | 74 | 74 | 67 | 68 | 75 | 81 | 82 | 82 | 83 | 86 | 75·7 |
| 16 | 86 | 88 | 88 | 87 | 85 | 87 | 85 | 87 | 89 | 90 | 88 | 90 | 89 | 86 | 79 | 75 | 76 | 79 | 81 | 85 | 85 | 88 | 89 | 87 | 92 | 85·5 |
| 17 | 92 | 88 | 86 | 86 | 87 | 85 | 85 | 85 | 83 | 82 | 76 | 72 | 68 | 68 | 68 | 63 | 66 | 64 | 67 | 72 | 77 | 81 | 78 | 80 | 82 | 77·3 |
| 18 | 82 | 83 | 84 | 82 | 84 | 83 | 85 | 83 | 81 | 84 | 80 | 77 | 68 | 66 | 80 | 74 | 65 | 68 | 69 | 70 | 70 | 71 | 74 | 73 | 79 | 76·5 |
| 19 | 79 | 77 | 76 | 75 | 72 | 74 | 72 | 72 | 72 | 72 | 66 | 63 | 62 | 58 | 59 | 61 | 60 | 66 | 73 | 71 | 76 | 80 | 76 | 82 | 85 | 80 | 71·0 |
| 20 | 80 | 82 | 81 | 82 | 83 | 84 | 81 | 83 | 77 | 85 | 77 | 58 | 62 | 60 | 57 | 59 | 65 | 69 | 70 | 76 | 72 | 76 | 81 | 81 | 81 | 81 | 74·2 |
| 21 | 81 | 79 | 80 | 84 | 83 | 82 | 82 | 82 | 82 | 84 | 80 | 71 | 53 | 54 | 55 | 57 | 55 | 58 | 59 | 62 | 67 | 77 | 79 | 74 | 72 | 77 | 71·2 |
| 22 | 77 | 84 | 87 | 83 | 85 | 85 | 82 | 79 | 72 | 62 | 57 | 55 | 56 | 57 | 68 | 87 | 85 | 88 | 88 | 88 | 90 | 91 | 93 | 94 | 95 | 79·2 |
| 23 | 95 | 94 | 94 | 94 | 94 | 94 | 95 | 93 | 93 | 86 | 85 | 82 | 74 | 64 | 61 | 59 | 58 | 61 | 66 | 77 | 84 | 83 | 86 | 88 | 93 | 81·7 |
| 24 | 93 | 96 | 94 | 93 | 94 | 94 | 89 | 77 | 72 | 65 | 62 | 55 | 59 | 56 | 59 | 56 | 51 | 59 | 61 | 70 | 78 | 80 | 82 | 83 | 86 | 76·9 |
| 25 | 86 | 81 | 79 | 83 | 85 | 83 | 87 | 88 | 91 | 92 | 94 | 94 | 93 | 92 | 92 | 94 | 95 | 97 | 97 | 96 | 94 | 94 | 93 | 93 | 93 | 90·6 |
| 26 | 93 | 93 | 92 | 91 | 90 | 90 | 91 | 88 | 89 | 91 | 89 | 84 | 83 | 83 | 86 | 84 | 86 | 88 | 87 | 89 | 91 | 92 | 92 | 92 | 97 | 89·0 |
| 27 | 97 | 95 | 95 | 94 | 96 | 95 | 94 | 95 | 94 | 94 | 91 | 88 | 84 | 75 | 68 | 59 | 55 | 61 | 69 | 75 | 79 | 84 | 86 | 83 | 80 | 83·3 |
| 28 | 80 | 78 | 80 | 88 | 89 | 90 | 92 | 92 | 87 | 76 | 70 | 62 | 62 | 58 | 56 | 53 | 55 | 50 | 55 | 67 | 69 | 74 | 79 | 81 | 82 | 72·7 |
| 29 | 82 | 82 | 85 | 81 | 81 | 80 | 81 | 83 | 82 | 78 | 68 | 65 | 64 | 65 | 67 | 68 | 73 | 74 | 75 | 76 | 76 | 80 | 93 | 86 | 81 | 76·8 |
| 30 | 81 | 86 | 85 | 88 | 91 | 93 | 94 | 90 | 80 | 77 | 68 | 60 | 57 | 58 | 60 | 60 | 69 | 74 | 78 | 85 | 85 | 88 | 92 | 86 | 81 | 78·6 |
| 31 | 81 | 82 | 79 | 77 | 75 | 74 | 74 | 76 | 70 | 64 | 57 | 52 | 54 | 54 | 51 | 59 | 60 | 57 | 61 | 72 | 78 | 82 | 86 | 84 | 84 | 69·2 |
| Mean ... | 84·0 | 84·1 | 84·1 | 83·6 | 84·0 | 83·8 | 83·9 | 83·4 | 82·6 | 79·6 | 75·9 | 71·7 | 69·5 | 67·4 | 67·2 | 67·8 | 68·1 | 69·9 | 72·8 | 78·0 | 80·4 | 81·4 | 83·5 | 84·1 | 84·5 | 78·0 |
| Mean, 1886–1905. | 85·6 | 85·7 | 87·2 | 87·0 | 87·6 | 87·3 | 87·7 | 86·8 | 85·4 | 81·4 | 78·2 | 73·5 | 71·1 | 68·7 | 67·2 | 67·1 | 67·7 | 70·0 | 73·6 | 76·9 | 80·3 | 81·5 | 83·6 | 84·6 | 85·9 | 79·4 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. APRIL, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. APRIL, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·994 | 9·874 | 54·4 | 41·7 | 9 | 0·147 | 0·075 | 51·5 | 43·0 | 17 | 0·293 | 0·144 | 57·8 | 41·6 | 25 | 9·542 | 9·470 | 44·6 | **32·2** |
| 2 | 9·975 | 9·838 | 53·3 | 44·9 | 10 | 0·075 | 9·825 | 48·9 | 42·6 | 18 | 0·144 | 0·018 | 54·7 | 43·2 | 26 | 9·571 | 9·398 | 49·5 | 35·7 |
| 3 | 0·222 | 9·920 | 49·9 | 43·5 | 11 | 9·944 | 9·829 | 49·8 | 42·3 | 19 | 0·032 | 9·946 | 48·9 | 42·5 | 27 | 9·402 | **9·106** | 53·8 | 44·5 |
| 4 | 0·307 | 0·217 | 48·9 | 42·2 | 12 | 0·080 | 9·944 | 52·8 | 38·1 | 20 | 0·086 | 0·020 | 48·5 | 40·7 | 28 | 9·592 | 9·242 | 55·5 | 47·7 |
| 5 | 0·337 | 0·273 | 46·5 | 40·4 | 13 | 0·225 | 0·080 | 50·0 | 45·4 | 21 | 0·051 | 9·835 | 51·6 | 43·9 | 29 | 9·693 | 9·581 | 53·1 | 48·9 |
| 6 | **0·433** | 0·318 | 50·3 | 33·6 | 14 | 0·335 | 0·225 | 48·6 | 38·7 | 22 | 9·835 | 9·700 | 49·6 | 41·3 | 30 | 0·000 | 9·649 | 53·9 | 51·6 |
| 7 | 0·430 | 0·303 | 52·2 | 38·7 | 15 | 0·347 | 0·282 | 47·4 | 36·6 | 23 | 9·819 | 9·723 | 43·1 | 35·7 | | | | | |
| 8 | 0·303 | 0·103 | 53·5 | 47·1 | 16 | 0·297 | 0·215 | **60·2** | 40·4 | 24 | 9·729 | 9·496 | 41·8 | 33·2 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 50·8 | 41·4 |

TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. APRIL, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·899 | 9·896 | 9·888 | 9·892 | 9·887 | 9·884 | 9·880 | 9·894 | 9·907 | 9·934 | 9·948 | 9·955 | 9·973 | 9·980 | 9·979 | 9·979 | 9·977 | 9·976 | 9·982 | 9·985 | 9·991 | 9·992 | 9·990 | 9·983 | 9·975 | 9·945 |
| 2 | 9·975 | 9·950 | 9·926 | 9·911 | 9·895 | 9·887 | 9·875 | 9·865 | 9·847 | 9·844 | 9·850 | 9·865 | 9·855 | 9·857 | 9·858 | 9·857 | 9·857 | 9·867 | 9·868 | 9·876 | 9·892 | 9·901 | 9·912 | 9·918 | 9·924 | 9·883 |
| 3 | 9·924 | 9·927 | 9·928 | 9·932 | 9·945 | 9·960 | 9·991 | 0·032 | 0·052 | 0·088 | 0·121 | 0·127 | 0·140 | 0·147 | 0·166 | 0·166 | 0·165 | 0·182 | 0·186 | 0·187 | 0·195 | 0·208 | 0·217 | 0·220 | 0·222 | 0·098 |
| 4 | 0·222 | 0·223 | 0·221 | 0·223 | 0·232 | 0·224 | 0·233 | 0·244 | 0·252 | 0·255 | 0·270 | 0·277 | 0·284 | 0·289 | 0·287 | 0·290 | 0·291 | 0·292 | 0·293 | 0·299 | 0·304 | 0·307 | 0·303 | 0·305 | 0·304 | 0·269 |
| 5 | 0·304 | 0·303 | 0·297 | 0·296 | 0·279 | 0·281 | 0·292 | 0·293 | 0·299 | 0·302 | 0·311 | 0·299 | 0·302 | 0·296 | 0·290 | 0·285 | 0·294 | 0·303 | 0·295 | 0·312 | 0·320 | 0·326 | 0·328 | 0·333 | 0·321 | 0·302 |
| 6 | 0·321 | 0·328 | 0·338 | 0·337 | 0·337 | 0·334 | 0·340 | 0·347 | 0·349 | 0·362 | 0·364 | 0·366 | 0·367 | 0·369 | 0·369 | 0·373 | 0·375 | 0·382 | 0·389 | 0·399 | 0·420 | 0·422 | 0·427 | 0·433 | 0·426 | 0·371 |
| 7 | 0·426 | 0·427 | 0·424 | 0·417 | 0·400 | 0·403 | 0·409 | 0·417 | 0·414 | 0·410 | 0·407 | 0·402 | 0·393 | 0·389 | 0·384 | 0·376 | 0·362 | 0·362 | 0·349 | 0·349 | 0·344 | 0·333 | 0·322 | 0·309 | 0·303 | 0·382 |
| 8 | 0·303 | 0·291 | 0·273 | 0·268 | 0·250 | 0·243 | 0·242 | 0·233 | 0·223 | 0·217 | 0·203 | 0·203 | 0·192 | 0·182 | 0·167 | 0·152 | 0·139 | 0·127 | 0·123 | 0·119 | 0·122 | 0·123 | 0·122 | 0·115 | 0·103 | 0·189 |
| 9 | 0·103 | 0·104 | 0·097 | 0·093 | 0·092 | 0·087 | 0·092 | 0·103 | 0·115 | 0·120 | 0·132 | 0·139 | 0·144 | 0·137 | 0·133 | 0·123 | 0·107 | 0·103 | 0·094 | 0·092 | 0·099 | 0·103 | 0·099 | 0·089 | 0·075 | 0·108 |
| 10 | 0·075 | 0·067 | 0·047 | 0·023 | 9·994 | 9·977 | 9·959 | 9·945 | 9·929 | 9·921 | 9·893 | 9·882 | 9·870 | 9·862 | 9·853 | 9·837 | 9·833 | 9·830 | 9·832 | 9·833 | 9·837 | 9·848 | 9·852 | 9·856 | 9·852 | 9·906 |
| 11 | 9·852 | 9·850 | 9·841 | 9·836 | 9·831 | 9·832 | 9·833 | 9·846 | 9·840 | 9·841 | 9·842 | 9·840 | 9·843 | 9·841 | 9·839 | 9·842 | 9·835 | 9·844 | 9·847 | 9·869 | 9·890 | 9·908 | 9·919 | 9·937 | 9·944 | 9·856 |
| 12 | 9·944 | 9·954 | 9·952 | 9·970 | 9·982 | 9·994 | 0·006 | 0·020 | 0·030 | 0·044 | 0·055 | 0·057 | 0·058 | 0·062 | 0·066 | 0·058 | 0·045 | 0·053 | 0·062 | 0·074 | 0·077 | 0·078 | 0·077 | 0·077 | 0·080 | 0·036 |
| 13 | 0·080 | 0·093 | 0·097 | 0·090 | 0·094 | 0·104 | 0·109 | 0·122 | 0·128 | 0·133 | 0·133 | 0·128 | 0·117 | 0·117 | 0·114 | 0·113 | 0·114 | 0·123 | 0·130 | 0·148 | 0·169 | 0·193 | 0·205 | 0·220 | 0·225 | 0·132 |
| 14 | 0·225 | 0·238 | 0·240 | 0·235 | 0·244 | 0·247 | 0·253 | 0·266 | 0·268 | 0·273 | 0·272 | 0·274 | 0·277 | 0·276 | 0·277 | 0·273 | 0·270 | 0·280 | 0·289 | 0·303 | 0·309 | 0·328 | 0·329 | 0·332 | 0·335 | 0·276 |
| 15 | 0·335 | 0·334 | 0·327 | 0·326 | 0·317 | 0·322 | 0·328 | 0·339 | 0·342 | 0·343 | 0·339 | 0·328 | 0·321 | 0·316 | 0·304 | 0·300 | 0·298 | 0·296 | 0·287 | 0·292 | 0·296 | 0·294 | 0·292 | 0·294 | 0·282 | 0·314 |
| 16 | 0·282 | 0·286 | 0·278 | 0·272 | 0·266 | 0·256 | 0·252 | 0·252 | 0·241 | 0·246 | 0·245 | 0·245 | 0·246 | 0·237 | 0·239 | 0·234 | 0·220 | 0·217 | 0·229 | 0·235 | 0·257 | 0·288 | 0·290 | 0·259 | 0·293 | 0·253 |
| 17 | 0·293 | 0·287 | 0·278 | 0·276 | 0·275 | 0·262 | 0·257 | 0·259 | 0·250 | 0·259 | 0·258 | 0·259 | 0·250 | 0·244 | 0·219 | 0·210 | 0·197 | 0·193 | 0·182 | 0·171 | 0·168 | 0·165 | 0·164 | 0·150 | 0·144 | 0·227 |
| 18 | 0·144 | 0·137 | 0·129 | 0·104 | 0·089 | 0·074 | 0·076 | 0·071 | 0·056 | 0·059 | 0·052 | 0·054 | 0·047 | 0·042 | 0·034 | 0·024 | 0·023 | 0·029 | 0·026 | 0·030 | 0·038 | 0·041 | 0·034 | 0·036 | 0·025 | 0·058 |
| 19 | 0·025 | 0·021 | 0·010 | 0·001 | 9·992 | 9·987 | 9·981 | 9·986 | 9·991 | 9·990 | 9·989 | 9·982 | 9·978 | 9·970 | 9·955 | 9·956 | 9·952 | 9·951 | 9·951 | 9·950 | 9·962 | 9·981 | 9·997 | 0·002 | 0·020 | 9·982 |
| 20 | 0·020 | 0·030 | 0·031 | 0·036 | 0·041 | 0·036 | 0·043 | 0·053 | 0·070 | 0·078 | 0·076 | 0·074 | 0·079 | 0·079 | 0·076 | 0·067 | 0·056 | 0·058 | 0·061 | 0·059 | 0·065 | 0·075 | 0·074 | 0·061 | 0·051 | 0·059 |
| 21 | 0·051 | 0·032 | 0·015 | 0·001 | 9·975 | 9·962 | 9·957 | 9·951 | 9·943 | 9·940 | 9·931 | 9·927 | 9·917 | 9·908 | 9·897 | 9·890 | 9·875 | 9·872 | 9·863 | 9·865 | 9·863 | 9·861 | 9·854 | 9·842 | 9·835 | 9·920 |
| 22 | 9·835 | 9·817 | 9·800 | 9·791 | 9·772 | 9·766 | 9·762 | 9·760 | 9·755 | 9·757 | 9·752 | 9·741 | 9·739 | 9·723 | 9·721 | 9·703 | 9·702 | 9·702 | 9·713 | 9·721 | 9·732 | 9·740 | 9·742 | 9·754 | 9·748 |
| 23 | 9·754 | 9·769 | 9·762 | 9·758 | 9·758 | 9·772 | 9·779 | 9·798 | 9·804 | 9·810 | 9·819 | 9·811 | 9·807 | 9·805 | 9·795 | 9·784 | 9·772 | 9·771 | 9·766 | 9·765 | 9·756 | 9·755 | 9·736 | 9·730 | 9·723 | 9·776 |
| 24 | 9·723 | 9·721 | 9·721 | 9·710 | 9·695 | 9·684 | 9·671 | 9·670 | 9·641 | 9·630 | 9·611 | 9·593 | 9·574 | 9·560 | 9·539 | 9·538 | 9·524 | 9·511 | 9·508 | 9·508 | 9·506 | 9·503 | 9·516 | 9·513 | 9·525 | 9·595 |
| 25 | 9·525 | 9·537 | 9·539 | 9·533 | 9·526 | 9·516 | 9·505 | 9·520 | 9·505 | 9·497 | 9·501 | 9·498 | 9·487 | 9·485 | 9·485 | 9·498 | 9·507 | 9·517 | 9·513 | 9·526 | 9·530 | 9·537 | 9·536 | 9·546 | 9·539 | 9·515 |
| 26 | 9·539 | 9·545 |

## VALENCIA. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 2 | — | 3 | — | 3 | 18 | 4 | 16 | 5 | 15 | 10 | 15 | 7 | 21 | 17 | 23 | 12 | 23 | 11 | 22 | 15 | 22 | 20 |
| 2 | 16 | 12 | 16 | 14 | 17 | 12 | 17 | 12 | 17 | 14 | 16 | 13 | 17 | 12 | 17 | 14 | 22 | 15 | 21 | 12 | 20 | 13 | 20 | 15 |
| 3 | 23 | 25 | 22 | 26 | 25 | 28 | 25 | 27 | 25 | 26 | 25 | 24 | 27 | 23 | 27 | 26 | 28 | 21 | 29 | 21 | 27 | 20 | 27 | 22 |
| 4 | 28 | 21 | 28 | 23 | 28 | 22 | 30 | 21 | 29 | 21 | 29 | 20 | 29 | 19 | 30 | 20 | 30 | 21 | 30 | 22 | 30 | 18 | 30 | 21 |
| 5 | 32 | 15 | 32 | 14 | 31 | 15 | 2 | 13 | 1 | 14 | 2 | 15 | 1 | 12 | 1 | 11 | 3 | 11 | 3 | 9 | 3 | 10 | 2 | 10 |
| 6 | 5 | 4 | — | 1 | — | 2 | — | 2 | 8 | 5 | 8 | 4 | 8 | 4 | 8 | 4 | — | 3 | — | 2 | — | 3 | 14 | 6 |
| 7 | 12 | 7 | 13 | 9 | 13 | 10 | 13 | 10 | 13 | 10 | — | 2 | 14 | 7 | 15 | 11 | 15 | 10 | 15 | 10 | 15 | 10 | 15 | 10 |
| 8 | 15 | 10 | 15 | 14 | 15 | 12 | 14 | 12 | 15 | 10 | 15 | 9 | 15 | 8 | 15 | 7 | 15 | 9 | 15 | 9 | 15 | 8 | 15 | 9 |
| 9 | 16 | 4 | 16 | 4 | — | 3 | — | 0 | — | 2 | 7 | 5 | 31 | 20 | 32 | 15 | 32 | 14 | 2 | 17 | 4 | 18 | 3 | 18 |
| 10 | — | 0 | — | 1 | — | 0 | — | 2 | — | 3 | 16 | 5 | 18 | 5 | 17 | 7 | 15 | 10 | 15 | 12 | 15 | 12 | 15 | 12 |
| 11 | 23 | 11 | 26 | 10 | 24 | 11 | 25 | 13 | 23 | 14 | 27 | 14 | 27 | 9 | 23 | 12 | 24 | 15 | 23 | 15 | 23 | 16 | 24 | 17 |
| 12 | — | 2 | — | 2 | — | 3 | 2 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | 14 | 4 | 15 | 6 | 15 | 5 | 15 | 7 |
| 13 | 1 | 5 | 1 | 7 | 1 | 7 | 32 | 11 | 31 | 11 | 32 | 11 | 32 | 12 | 30 | 15 | 31 | 18 | 30 | 18 | 31 | 20 | 30 | 23 |
| 14 | 5 | 5 | 4 | 7 | 3 | 8 | 32 | 6 | 2 | 4 | 3 | 4 | 4 | 6 | 4 | 7 | 5 | 8 | 5 | 9 | 6 | 10 | 5 | 10 |
| 15 | 8 | 6 | 7 | 9 | 7 | 7 | 4 | 8 | 7 | 6 | 3 | 5 | 5 | 4 | 5 | 7 | 5 | 13 | 2 | 10 | 3 | 12 | 2 | 15 |
| 16 | 6 | 15 | 3 | 12 | 6 | 12 | 1 | 12 | 4 | 8 | 5 | 7 | 4 | 13 | 6 | 21 | 6 | 15 | 5 | 21 | 6 | 21 | 6 | 20 |
| 17 | 5 | 14 | 6 | 17 | 6 | 21 | 5 | 19 | 5 | 19 | 6 | 12 | 9 | 4 | 11 | 6 | 6 | 13 | 6 | 19 | 7 | 15 | 4 | 15 |
| 18 | 29 | 6 | 1 | 8 | 28 | 4 | 12 | 4 | 2 | 13 | 3 | 12 | 4 | 10 | 4 | 17 | 2 | 17 | 3 | 15 | 4 | 14 | 4 | 14 |
| 19 | 6 | *13* | 11 | *13* | 9 | *13* | 8 | *13* | 7 | *12* | 4 | *12* | 3 | *12* | 4 | *12* | 3 | 12 | 2 | 12 | 1 | 14 | 1 | 15 |
| 20 | 4 | 14 | 4 | 15 | 2 | 12 | 4 | 7 | 3 | 5 | 5 | 9 | 3 | 11 | 4 | 8 | 2 | 5 | 31 | 11 | 31 | 11 | 31 | 15 |
| 21 | 27 | 10 | 27 | 10 | 28 | 10 | 26 | 6 | 27 | 9 | 27 | 10 | 26 | 11 | 26 | 11 | 25 | 12 | 24 | 12 | 26 | 11 | 23 | 12 |
| 22 | 30 | 7 | 30 | 8 | 30 | 8 | 29 | 7 | 29 | 7 | 1 | 4 | 1 | 4 | 2 | 7 | 1 | 7 | 29 | 7 | 28 | 9 | 28 | 9 |
| 23 | 3 | 21 | 3 | 15 | 2 | 13 | 3 | 18 | 2 | 19 | 2 | 15 | 3 | 14 | 2 | 16 | 1 | 20 | 2 | 18 | 2 | 17 | 1 | 19 |
| 24 | 4 | 15 | 3 | 8 | 2 | 10 | 2 | 9 | 1 | 9 | 1 | 9 | 1 | 6 | 31 | 12 | 32 | 18 | 31 | 19 | 27 | 15 | 24 | 18 |
| 25 | 1 | 12 | 1 | 10 | 1 | 7 | 1 | 6 | — | 2 | — | 3 | 28 | 15 | 28 | 12 | 25 | 14 | 25 | 15 | 24 | 15 | 24 | 14 |
| 26 | 24 | 7 | 23 | 11 | 26 | 9 | — | 2 | 24 | 4 | 2 | 4 | 6 | 5 | 6 | 4 | — | 2 | — | 3 | 15 | 5 | 16 | 6 |
| 27 | 8 | 29 | 9 | 25 | 9 | 29 | 10 | 26 | 10 | 21 | 9 | 17 | 12 | 18 | 12 | 22 | 12 | 23 | 12 | 26 | 12 | 27 | 12 | 29 |
| 28 | 14 | 13 | 15 | 11 | 15 | 10 | 15 | 11 | 13 | 15 | 13 | 15 | 12 | 15 | 9 | 15 | 12 | 20 | 12 | 22 | 12 | 23 | 12 | 23 |
| 29 | 15 | 12 | 15 | 13 | 15 | 15 | 15 | 17 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 14 | 15 | 14 | 15 | 14 | 15 |
| 30 | 15 | 12 | 15 | 15 | 15 | 16 | 15 | 16 | 15 | 16 | 15 | 15 | 15 | 14 | 15 | 16 | 15 | 13 | 15 | 15 | 15 | 13 | 15 | 14 |
| Mean ... | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 10 | — | 11 | — | 12 | — | 13 | — | 14 | — | 14 | — | 15 |
| Mean, 1881–1905. | — | 10·4 | — | 10·3 | — | 10·1 | — | 10·2 | — | 10·1 | — | 10·3 | — | 10·6 | — | 11·1 | — | 12·0 | — | 12·8 | — | 13·0 | — | 14·3 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour the direction is omitted, the record not being trustworthy in very light airs.

## VALENCIA. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. APRIL, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 2 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 04 | — | — | — | — | 05 |
| 3 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | — | 03 |
| 4 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 5 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 01 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 9 | — | — | — | 01 | 01 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 10 | — | — | — | — | — | — | — | — | — | — | 02 | 09 | 16 | 04 | 01 | 01 | — | 01 | — | — | — | — | — | — | 34 |
| 11 | — | 01 | — | 03 | — | — | 02 | — | — | — | — | — | 02 | 02 | 02 | 01 | — | — | — | — | — | — | — | — | 13 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 03 | 01 | — | 01 | — | 04 | 12 |
| 13 | 05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 08 | 02 | — | — | — | — | — | 17 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 21 | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | 04 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 02 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 05 | 01 | 02 | — | — | — | — | 01 | — | — | 11 |
| 25 | — | — | — | — | — | 01 | — | — | — | — | — | 05 | — | — | — | 02 | — | — | — | 01 | — | — | — | 02 | 11 |
| 26 | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 01 | — | — | — | 06 |
| 27 | — | 03 | 01 | — | 01 | — | 04 | — | — | — | 01 | — | 01 | 01 | 05 | 03 | — | — | — | — | — | — | 01 | — | 21 |
| 28 | — | 01 | — | — | — | — | — | — | — | — | 01 | 05 | — | — | 01 | — | — | — | — | — | — | — | — | — | 08 |
| 29 | — | 01 | 05 | 07 | 03 | 05 | 06 | 06 | 09 | — | — | 02 | 05 | 06 | 15 | 05 | 07 | 05 | 03 | 07 | 04 | 03 | 04 | 11 | 119 |
| 30 | 06 | 03 | 02 | 06 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 18 |
| Sum ... | 12 | 10 | 10 | 17 | 07 | 11 | 14 | 07 | 10 | — | 04 | 22 | 26 | 15 | 29 | 13 | 13 | 18 | 09 | 14 | 07 | 05 | 06 | 18 | 2·97 |
| Average 1871–1905. | ·200 | ·176 | ·181 | ·181 | ·187 | ·188 | ·182 | ·182 | ·179 | ·149 | ·136 | ·159 | ·149 | ·147 | ·135 | ·156 | ·151 | ·169 | ·162 | ·179 | ·151 | ·134 | ·165 | ·146 | 3·944 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. APRIL, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 22 | 21 | 21 | 22 | 21 | 21 | 21 | 15 | 20 | 12 | 19 | 10 | 19 | 12 | 18 | 10 | 18 | 11 | 16 | 10 | 20 | 12 | 16 | 12 | 12 | 1 |
| 21 | 25 | 21 | 25 | 21 | 25 | 21 | 26 | 21 | 25 | 21 | 25 | 21 | 25 | 22 | 26 | 22 | 26 | 23 | 21 | 22 | 25 | 23 | 25 | 19 | 2 |
| 25 | 22 | 28 | 23 | 27 | 22 | 27 | 22 | 28 | 21 | 27 | 21 | 25 | 22 | 28 | 22 | 28 | 20 | 28 | 22 | 29 | 20 | 28 | 22 | 23 | 3 |
| 31 | 23 | 30 | 23 | 31 | 24 | 30 | 22 | 32 | 21 | 31 | 21 | 32 | 18 | 32 | 18 | 32 | 21 | 32 | 20 | 32 | 16 | 32 | 16 | 21 | 4 |
| 3 | 12 | 3 | 12 | 2 | 10 | 32 | 12 | 1 | 12 | 1 | 12 | 1 | 10 | 1 | 8 | 1 | 5 | — | 2 | — | 1 | 4 | 4 | 10 | 5 |
| 15 | 7 | 16 | 7 | 16 | 7 | 16 | 7 | 16 | 9 | 16 | 7 | 16 | 7 | 16 | 4 | 15 | 8 | 12 | 9 | 11 | 7 | 11 | 9 | 5 | 6 |
| 15 | 11 | 15 | 9 | 15 | 10 | 15 | 10 | 15 | 9 | 15 | 8 | 15 | 9 | 15 | 10 | 15 | 10 | 15 | 12 | 14 | 12 | 15 | 10 | 9 | 7 |
| 15 | 10 | 15 | 7 | 16 | 10 | 16 | 7 | 15 | 6 | 16 | 5 | 16 | 5 | 16 | 6 | 16 | 4 | 16 | 4 | 16 | 5 | 16 | 6 | 8 | 8 |
| 2 | 15 | 3 | 14 | 1 | 13 | 1 | 13 | 1 | 12 | 1 | 10 | 2 | 5 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 9 | 9 |
| 21 | 10 | 24 | 5 | — | 2 | 23 | 7 | 23 | 5 | 23 | 4 | 24 | 6 | 25 | 10 | 26 | 8 | 25 | 6 | 25 | 12 | 24 | 10 | 6 | 10 |
| 25 | 16 | 24 | 12 | 28 | 14 | 25 | 10 | 27 | 8 | 27 | 10 | 29 | 13 | 29 | 9 | 29 | 6 | — | 3 | 29 | 4 | — | 2 | 11 | 11 |
| 15 | 7 | 16 | 9 | 15 | 10 | 15 | 11 | 15 | 11 | 16 | 10 | 16 | 9 | 14 | 10 | 14 | 11 | 14 | 11 | 14 | 11 | 7 | 4 | 7 | 12 |
| 30 | 23 | 31 | 22 | 30 | 22 | 32 | 21 | 1 | 18 | 2 | 15 | 1 | 19 | 2 | 18 | 3 | 15 | 5 | 5 | 4 | 7 | 6 | 8 | 15 | 13 |
| 5 | 12 | 4 | 12 | 5 | 12 | 5 | 13 | 6 | 10 | 4 | 15 | 6 | 11 | 7 | 5 | 8 | 7 | 6 | 6 | 7 | 7 | 8 | 5 | 8 | 14 |
| 2 | 17 | 4 | 17 | 4 | 17 | 4 | 13 | 2 | 11 | 3 | 18 | 3 | 12 | 2 | 15 | 3 | 14 | 3 | 15 | 3 | 12 | 6 | 15 | 12 | 15 |
| 6 | 18 | 5 | 19 | 5 | 16 | 4 | 18 | 6 | 18 | 4 | 16 | 6 | 22 | 7 | 23 | 6 | 21 | 7 | 21 | 6 | 26 | 28 | 11 | 17 | 16 |
| 4 | 13 | 5 | 18 | 4 | 18 | 5 | 18 | 3 | 14 | 3 | 10 | 32 | 6 | 5 | 12 | 6 | 17 | 4 | 10 | 6 | 7 | — | 3 | 13 | 17 |
| 5 | 13 | 4 | 14 | 5 | 14 | 3 | 14 | 1 | 18 | 32 | *18* | 32 | *17* | 2 | *16* | 4 | *14* | 8 | *13* | 7 | *13* | 4 | *13* | 13 | 18 |
| 3 | 15 | 2 | 16 | 2 | 18 | 1 | 14 | 31 | 15 | 32 | 12 | 1 | 12 | 3 | 13 | 4 | 12 | 2 | 15 | 4 | 21 | 3 | 12 | 14 | 19 |
| 31 | 13 | 32 | 15 | 31 | 16 | 31 | 18 | 31 | 18 | 30 | 13 | 30 | 12 | 30 | 13 | 30 | 13 | 31 | 6 | 28 | 10 | 26 | 10 | 12 | 20 |
| 24 | 13 | 26 | 13 | 26 | 12 | 28 | 17 | 28 | 13 | 29 | 12 | 28 | 10 | 28 | 10 | 30 | 7 | 29 | 9 | 29 | 8 | 31 | 7 | 11 | 21 |
| 29 | 10 | 27 | 12 | 27 | 12 | 27 | 14 | 28 | 16 | 30 | 12 | 1 | 14 | 1 | 18 | 1 | 19 | 32 | 18 | 1 | 18 | 3 | 24 | 11 | 22 |
| 1 | 19 | 1 | 18 | 32 | 15 | 1 | 19 | 30 | 20 | 31 | 18 | 1 | 18 | 31 | 16 | 32 | 15 | 32 | 21 | 32 | 18 | 32 | 18 | 18 | 23 |
| 25 | 12 | 28 | 15 | 26 | 12 | 31 | 18 | 32 | 12 | 31 | 10 | 31 | 7 | 32 | 10 | 29 | 16 | 32 | 19 | 32 | 18 | 1 | 18 | 13 | 24 |
| 26 | 11 | 26 | 21 | 29 | 15 | 29 | 12 | 29 | 11 | 24 | 8 | 26 | 14 | 23 | 15 | 24 | 14 | 23 | 17 | 24 | 11 | 25 | 12 | 12 | 25 |
| 16 | 7 | 15 | 11 | 14 | 12 | 13 | 12 | 15 | 13 | 12 | 15 | 10 | 15 | 10 | 17 | 9 | 18 | 8 | 20 | 8 | 24 | 8 | 24 | 10 | 26 |
| 12 | 32 | 12 | 29 | 14 | 32 | 14 | 31 | 15 | 18 | 15 | 17 | 15 | 18 | 15 | 18 | 15 | 18 | 15 | 15 | 15 | 12 | 14 | 16 | 23 | 27 |
| 14 | 25 | 15 | 21 | 16 | 18 | 16 | 18 | 16 | 15 | 16 | 15 | 16 | 11 | 16 | 9 | 16 | 10 | 16 | 10 | 15 | 12 | 15 | 12 | 15 | 28 |
| 15 | 14 | 15 | 15 | 14 | 20 | 12 | 25 | 12 | 28 | 12 | 28 | 12 | 28 | 13 | 25 | 15 | 17 | 15 | 15 | 15 | 13 | 15 | 12 | 17 | 29 |
| 15 | 13 | 15 | 13 | 15 | 13 | 15 | 12 | 15 | 11 | 15 | 10 | 15 | 12 | 15 | 12 | 15 | 11 | 14 | 16 | 15 | 17 | 15 | 14 | 14 | 30 |
| — | 15 | — | 16 | — | 15 | — | 16 | — | 14 | — | 14 | — | 13 | — | 13 | — | 13 | — | 12 | — | 13 | — | 12 | 13 | |
| — | 14·8 | — | 14·9 | — | 14·9 | — | 14·8 | — | 14·4 | — | 13·6 | — | 12·4 | — | 11·2 | — | 10·9 | — | 10·5 | — | 10·4 | — | 10·4 | 12·0 | Mean, 1881–1905. |

## VALENCIA. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. APRIL, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰; dull day, gloomy evening. |
| 2 | — | — | — | — | — | — | — | ·2 | ·8 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 5·8 | ≋⁰ at first, then fair; ● at 20h. |
| 3 | — | — | — | ·1 | ·5 | ·2 | ·7 | ·7 | 1·0 | ·7 | ·8 | ·8 | ·2 | ·2 | — | — | — | 5·9 | Squally day, with showers; fair evening. |
| 4 | — | — | — | ·5 | ·7 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | ·5 | — | — | 10·1 | Fair to squally; bright intervals. |
| 5 | — | — | — | ·5 | ·1 | ·3 | ·9 | 1·0 | 1·0 | ·8 | ·9 | 1·0 | ·4 | ·8 | ·2 | — | — | 7·9 | Day generally fair; evening dull. |
| 6 | — | — | — | ·3 | ·3 | — | — | ·3 | ·5 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | 6·7 | A.M. fair; P.M. fine. |
| 7 | — | — | — | ·7 | ·9 | 1·0 | 1·0 | ·9 | ·5 | — | — | — | — | — | — | — | — | 5·0 | Fine at first, becoming cloudy and misty |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰ and overcast all day. [later. |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 10 | — | — | — | — | ·3 | ·2 | — | ·1 | ·6 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | ·3 | — | — | 6·3 | ●⁰ early, then fair. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | ·1 | ·1 | ·7 | ·1 | — | — | 1·0 | Dull day, with ≋⁰ and ●; clearing in evening. |
| 12 | — | — | — | ·4 | ·1 | — | ·4 | ·4 | ·1 | ·2 | — | ·5 | ·7 | 1·0 | ·7 | — | — | 4·5 | ≋⁰ early, then ●⁰ showers; clearing later. |
| 13 | — | — | — | ·1 | ·2 | — | ·5 | ·2 | — | — | — | — | — | — | — | — | — | 1·0 | Dull with ● or ≋⁰ after 18h. |
| 14 | — | — | — | — | ·1 | ·7 | ·7 | ·8 | ·8 | 1·0 | ·8 | 1·0 | ·4 | — | — | — | — | 6·3 | Fair to unsettled-looking; ●. |
| 15 | — | — | — | — | — | — | — | — | — | — | ·1 | ·3 | ·4 | ·6 | ·2 | — | — | 1·6 | Hazy day, clearing somewhat in afternoon. |
| 16 | — | — | ·7 | 1·0 | 1·0 | 1·0 | ·7 | — | ·2 | ·2 | ·6 | — | ·1 | ·1 | — | — | — | 6·6 | ⌙; fine to dull. |
| 17 | — | — | — | — | ·1 | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·4 | ·5 | 1·0 | ·7 | — | — | 7·8 | ∞ at first, brightening later. |
| 18 | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | ·1 | — | 12·0 | Fine day, but ∞⁰. |
| 19 | — | — | — | — | ·1 | ·1 | — | — | ·6 | ·7 | 1·0 | ·9 | ·8 | 1·0 | 1·0 | ·1 | — | 6·3 | Dull at first, then fair to fine. |
| 20 | — | — | — | — | — | — | ·3 | ·05 | ·3 | ·9 | ·9 | ·9 | ·6 | ·8 | ·3 | — | — | 5·05 | Dull to fine. |
| 21 | — | — | — | — | — | — | ·8 | ·1 | ·1 | ·1 | ·1 | ·1 | ·2 | — | — | — | — | 1·5 | Fair to unsettled-looking. [settled at night. |
| 22 | — | — | — | ·1 | ·1 | ·7 | ·4 | ·9 | ·4 | 1·0 | ·4 | 1·0 | 1·0 | 1·0 | ·1 | — | — | 7·1 | Fair to fine, with clear atmosphere; un- |
| 23 | — | — | — | ·1 | 1·0 | 1·0 | ·7 | 1·0 | ·8 | ·6 | ·5 | 1·0 | ·9 | ·2 | ·05 | — | — | 7·85 | Fair day; squally evening. |
| 24 | — | ·1 | ·7 | ·3 | ·8 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·8 | 1·0 | 1·0 | ·6 | — | — | 10·6 | Fine and clear at intervals; squally night. |
| 25 | — | ·1 | ·5 | ·9 | ·7 | ·5 | ·6 | ·9 | ·5 | ·6 | — | — | ·2 | ·2 | ·1 | — | — | 5·8 | Showers of ▲, ●, and ✳ during day. |
| 26 | — | — | — | ·6 | 1·0 | ·5 | ·7 | ·3 | ·5 | 1·0 | ·5 | ·2 | — | ·6 | ·6 | — | — | 6·5 | Very unsettled; ▲ and ✳ showers. |
| 27 | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | ·1 | ·8 | ·1 | — | — | — | — | — | — | 5·3 | Fair to dull and squally. ▲⁰, ●⁰. |
| 28 | — | — | — | — | — | ·05 | — | — | — | — | — | — | ·1 | — | — | — | — | 0·15 | Gloomy day, with ≋⁰ and ●. |
| 29 | — | — | ·2 | — | ·8 | ·9 | ·8 | — | — | ·4 | ·4 | — | ·7 | 1·0 | 1·0 | ·1 | — | 6·3 | Showery day, clearing in afternoon. |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and gloomy; ≋⁰ and ● all day. |
| | | | | | | | | | | | | | | | | | | | ● early; heavy mist all day; clearing in evening. |
| | — | 0·2 | 2·8 | 7·6 | 10·8 | 10·85 | 14·3 | 12·75 | 12·6 | 15·8 | 13·2 | 14·4 | 12·9 | 14·9 | 7·55 | 0·3 | — | 150·95 | Total. |
| | — | 0·22 | 4·97 | 10·42 | 12·51 | 13·79 | 14·57 | 14·50 | 14·53 | 14·32 | 14·24 | 13·54 | 12·41 | 11·22 | 6·46 | 0·59 | — | 158·27 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. APRIL, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 42·2 | 42·0 | 43·4 | 42·7 | 44·1 | 44·3 | 44·7 | 45·9 | 49·0 | 49·4 | 49·9 | 51·8 | 52·6 | 53·3 | 53·3 | 52·9 | 54·3 | 52·9 | 51·9 | 51·2 | 50·7 | 50·8 | 50·6 | 50·7 | 50·5 | 49·1 |
| 2 | 50·5 | 50·3 | 50·1 | 49·9 | 49·8 | 49·8 | 50·2 | 50·3 | 50·4 | 50·7 | 49·6 | 50·6 | 52·0 | 52·6 | 52·3 | 52·6 | 51·6 | 50·3 | 49·0 | 47·9 | 47·7 | 45·9 | 45·7 | 46·6 | 46·8 | 49·8 |
| 3 | 46·8 | 47·2 | 47·2 | 47·9 | 47·6 | 47·0 | 46·5 | 45·6 | 46·3 | 47·5 | 47·7 | 47·7 | 48·2 | 49·3 | 45·4 | 47·3 | 48·3 | 44·9 | 46·5 | 46·8 | 45·4 | 44·6 | 45·2 | 44·7 | 45·0 | 46·7 |
| 4 | 45·0 | 45·3 | 45·2 | 44·1 | 43·2 | 44·8 | 44·4 | 44·7 | 45·2 | 45·8 | 45·6 | 46·4 | 48·2 | 46·6 | 47·8 | 47·9 | 47·6 | 45·3 | 46·2 | 44·9 | 44·6 | 44·7 | 44·2 | 43·3 | 42·6 | 45·4 |
| 5 | 42·6 | 42·9 | 42·1 | 42·7 | 41·3 | 42·1 | 41·8 | 42·5 | 43·1 | 43·1 | 44·2 | 44·4 | 45·5 | 46·3 | 45·5 | 45·8 | 45·9 | 46·3 | 44·9 | 43·7 | 42·7 | 41·9 | 41·2 | 41·8 | 40·4 | 43·5 |
| 6 | 40·4 | 39·7 | 38·3 | 37·0 | 35·9 | 34·7 | 33·9 | 34·3 | 37·4 | 39·7 | 42·7 | 46·2 | 47·6 | 49·5 | 49·8 | 49·3 | 48·7 | 47·9 | 46·5 | 44·8 | 43·2 | 42·8 | 42·5 | 42·7 | 42·3 | 42·4 |
| 7 | 42·3 | 42·4 | 42·3 | 42·5 | 42·3 | 42·1 | 39·5 | 42·4 | 46·2 | 47·5 | 48·4 | 49·8 | 50·3 | 51·8 | 51·0 | 51·9 | 51·2 | 49·6 | 48·7 | 48·2 | 47·3 | 46·9 | 47·3 | 47·7 | 47·6 | 46·8 |
| 8 | 47·6 | 47·5 | 47·3 | 47·6 | 47·5 | 47·9 | 47·7 | 48·0 | 48·7 | 49·2 | 51·2 | 51·9 | 52·3 | 52·9 | 53·2 | 53·3 | 52·9 | 53·0 | 52·1 | 50·9 | 50·4 | 49·9 | 49·8 | 49·5 | 49·1 | 50·1 |
| 9 | 49·1 | 49·4 | 49·3 | 49·2 | 48·7 | 48·8 | 48·8 | 48·7 | 46·4 | 46·7 | 47·9 | 47·7 | 48·6 | 49·9 | 50·2 | 51·1 | 51·2 | 50·5 | 49·6 | 47·7 | 45·9 | 43·7 | 44·6 | 43·7 | 43·1 | 48·1 |
| 10 | 43·1 | 42·7 | 43·4 | 43·2 | 43·6 | 43·9 | 43·9 | 44·7 | 46·3 | 47·4 | 48·6 | 47·7 | 47·3 | 45·7 | 45·7 | 46·5 | 48·1 | 46·9 | 46·9 | 45·4 | 45·8 | 44·8 | 44·4 | 44·9 | 44·9 | 45·5 |
| 11 | 44·9 | 45·3 | 44·4 | 44·9 | 44·2 | 45·4 | 44·8 | 43·6 | 45·8 | 47·9 | 48·3 | 49·3 | 49·8 | 46·7 | 49·7 | 45·4 | 49·6 | 48·8 | 48·3 | 47·7 | 45·9 | 44·9 | 43·6 | 43·9 | 42·3 | 46·3 |
| 12 | 42·3 | 41·4 | 38·9 | 38·8 | 38·3 | 39·2 | 39·4 | 39·5 | 41·7 | 46·9 | 49·0 | 51·2 | 52·3 | 52·2 | 51·1 | 51·9 | 50·5 | 49·2 | 48·2 | 47·5 | 47·3 | 47·5 | 47·0 | 47·2 | 47·1 | 45·9 |
| 13 | 47·1 | 46·8 | 46·9 | 47·2 | 47·2 | 46·5 | 46·5 | 45·8 | 46·4 | 46·8 | 47·5 | 48·4 | 49·3 | 49·4 | 49·7 | 49·2 | 49·9 | 48·4 | 45·5 | 45·9 | 45·6 | 45·9 | 45·6 | 45·9 | 45·4 | 47·2 |
| 14 | 45·4 | 45·3 | 45·4 | 45·8 | 46·2 | 45·9 | 45·4 | 45·5 | 45·2 | 45·7 | 45·6 | 46·5 | 47·3 | 48·2 | 47·1 | 46·7 | 46·6 | 45·4 | 45·6 | 43·5 | 41·8 | 40·4 | 40·3 | 38·9 | 38·7 | 44·8 |
| 15 | 38·7 | 39·2 | 37·9 | 38·1 | 38·8 | 38·8 | 38·6 | 37·3 | 40·7 | 42·7 | 43·9 | 45·3 | 44·8 | 44·1 | 44·9 | 45·5 | 46·7 | 44·8 | 45·2 | 43·7 | 43·9 | 43·7 | 43·3 | 42·4 | 40·8 | 42·3 |
| 16 | 40·8 | 41·3 | 41·3 | 40·7 | 40·9 | 41·8 | 42·7 | 42·8 | 43·6 | 45·9 | 48·2 | 52·7 | 55·5 | 57·4 | 59·1 | 59·7 | 59·7 | 58·7 | 58·1 | 54·7 | 52·2 | 50·5 | 49·3 | 48·7 | 47·5 | 49·6 |
| 17 | 47·5 | 45·9 | 45·7 | 44·4 | 44·4 | 42·4 | 42·1 | 43·7 | 47·4 | 48·3 | 47·5 | 51·8 | 52·8 | 54·6 | 55·7 | 56·6 | 57·4 | 56·8 | 55·7 | 53·7 | 52·4 | 52·9 | 52·0 | 50·7 | 49·1 | 50·1 |
| 18 | 49·1 | 47·8 | 48·1 | 44·7 | 45·1 | 46·6 | 45·6 | 45·9 | 46·5 | 47·6 | 48·7 | 48·6 | 49·6 | 51·9 | 52·7 | 54·5 | 53·7 | 52·4 | 51·3 | 49·9 | 49·4 | 48·4 | 47·1 | 45·8 | 44·4 | 48·7 |
| 19 | 44·4 | 43·4 | 43·1 | 42·9 | 43·2 | 42·6 | 43·2 | 43·1 | 43·3 | 43·4 | 43·8 | 44·9 | 45·4 | 46·7 | 47·5 | 47·9 | 48·4 | 46·9 | 47·4 | 47·5 | 46·4 | 45·4 | 44·3 | 43·8 | 43·1 | 44·9 |
| 20 | 43·1 | 42·7 | 42·2 | 41·3 | 41·4 | 42·0 | 42·4 | 42·3 | 43·7 | 45·3 | 46·2 | 47·3 | 46·1 | 47·3 | 48·0 | 47·6 | 47·7 | 46·7 | 46·5 | 46·4 | 45·5 | 44·6 | 44·9 | 45·3 | 44·8 |
| 21 | 45·3 | 45·2 | 43·9 | 44·7 | 44·4 | 44·8 | 45·4 | 46·0 | 47·0 | 46·8 | 48·5 | 48·8 | 51·0 | 49·7 | 50·7 | 49·9 | 50·1 | 49·9 | 48·7 | 47·7 | 46·8 | 45·8 | 46·3 | 46·2 | 45·6 | 47·2 |
| 22 | 45·6 | 45·9 | 45·4 | 44·5 | 44·5 | 44·9 | 43·4 | 43·0 | 45·5 | 47·0 | 47·6 | 47·2 | 49·1 | 48·9 | 49·3 | 48·9 | 49·2 | 47·8 | 47·5 | 46·4 | 45·3 | 44·0 | 43·8 | 43·7 | 41·3 | 46·1 |
| 23 | 41·3 | 39·1 | 38·7 | 38·3 | 38·2 | 36·8 | 36·8 | 37·7 | 38·7 | 39·3 | 40·3 | 41·3 | 41·9 | 42·5 | 42·5 | 42·3 | 41·8 | 42·3 | 41·1 | 38·4 | 38·6 | 37·6 | 39·5 | 38·8 | 36·4 | 39·6 |
| 24 | 36·4 | 37·5 | 33·8 | 34·9 | 34·5 | 34·1 | 34·6 | 37·1 | 38·3 | 38·9 | 37·3 | 37·9 | 40·6 | 38·3 | 40·5 | 34·9 | 38·4 | 36·3 | 36·6 | 37·7 | 37·9 | 39·4 | 36·5 | 36·5 | 35·5 | 37·0 |
| 25 | 35·5 | 34·7 | 34·6 | 34·1 | 34·3 | 33·3 | 32·4 | 35·5 | 38·5 | 39·6 | 40·6 | 41·5 | 41·4 | 40·5 | 43·8 | 39·6 | 37·4 | 40·8 | 42·4 | 40·9 | 40·3 | 41·2 | 41·7 | 40·2 | 40·7 | 38·6 |
| 26 | 40·7 | 38·4 | 40·2 | 39·7 | 37·3 | 38·4 | 36·4 | 36·7 | 40·1 | 42·6 | 44·6 | 47·3 | 48·1 | 48·5 | 49·0 | 48·7 | 48·9 | 46·5 | 43·9 | 43·4 | 42·8 | 43·1 | 43·4 | 43·9 | 44·6 | 43·1 |
| 27 | 44·6 | 45·2 | 45·9 | 45·9 | 47·9 | 48·6 | 49·3 | 50·8 | 51·3 | 51·7 | 51·6 | 51·5 | 51·9 | 52·7 | 53·6 | 53·8 | 52·8 | 53·1 | 51·1 | 50·7 | 49·9 | 49·7 | 49·6 | 49·3 | 48·8 | 50·2 |
| 28 | 48·8 | 48·7 | 48·6 | 48·6 | 48·4 | 48·6 | 48·8 | 50·1 | 50·1 | 52·6 | 53·3 | 53·8 | 52·0 | 52·6 | 55·1 | 53·0 | 52·7 | 54·0 | 53·5 | 51·6 | 49·4 | 48·5 | 48·2 | 48·2 | 48·8 | 50·8 |
| 29 | 48·8 | 49·1 | 49·9 | 49·4 | 50·1 | 50·1 | 49·8 | 50·7 | 51·4 | 51·7 | 51·9 | 52·9 | 52·3 | 52·3 | 51·7 | 51·0 | 50·6 | 51·6 | 52·3 | 52·1 | 51·6 | 51·8 | 52·2 | 52·3 | 52·2 | 51·2 |
| 30 | 52·2 | 51·9 | 52·3 | 52·3 | 52·3 | 52·5 | 52·5 | 52·5 | 52·5 | 52·7 | 53·1 | 52·7 | 52·7 | 52·9 | 53·0 | 53·3 | 53·3 | 53·8 | 53·5 | 53·0 | 52·5 | 52·0 | 52·0 | 52·2 | 51·6 | 52·6 |
| Mean ... | 44·4 | 44·1 | 43·9 | 43·6 | 43·5 | 43·6 | 43·4 | 43·8 | 45·2 | 46·3 | 47·1 | 48·1 | 48·9 | 49·1 | 49·6 | 49·3 | 49·5 | 48·8 | 48·2 | 47·1 | 46·3 | 45·8 | 45·5 | 45·3 | 44·7 | 46·3 |
| Mean, 1871–1905. | 46·4 | 46·2 | 45·9 | 45·8 | 45·5 | 45·4 | 45·3 | 46·0 | 47·1 | 48·4 | 49·5 | 50·5 | 51·1 | 51·7 | 51·8 | 52·0 | 51·6 | 51·2 | 50·4 | 49·3 | 48·2 | 47·6 | 47·2 | 46·9 | 46·5 | 48·3 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). APRIL, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 91 | 93 | 90 | 94 | 96 | 99 | 99 | 100 | 100 | 99 | 99 | 93 | 88 | 90 | 90 | 91 | 88 | 94 | 95 | 98 | 96 | 96 | 96 | 96 | 96 | 94·8 |
| 2 | 96 | 96 | 96 | 95 | 92 | 89 | 90 | 95 | 96 | 96 | 95 | 92 | 88 | 80 | 77 | 77 | 76 | 76 | 78 | 81 | 79 | 89 | 85 | 81 | 78 | 86·1 |
| 3 | 78 | 82 | 88 | 84 | 84 | 83 | 73 | 76 | 70 | 66 | 73 | 71 | 71 | 72 | 82 | 75 | 70 | 77 | 76 | 72 | 74 | 77 | 75 | 72 | 78 | 75·9 |
| 4 | 78 | 73 | 75 | 77 | 85 | 79 | 81 | 77 | 77 | 78 | 75 | 70 | 81 | 72 | 70 | 70 | 80 | 75 | 78 | 73 | 66 | 69 | 75 | 80 | 75 | 75·5 |
| 5 | 80 | 78 | 83 | 78 | 82 | 76 | 77 | 75 | 70 | 72 | 68 | 68 | 63 | 63 | 64 | 63 | 61 | 60 | 66 | 72 | 73 | 77 | 80 | 78 | 78 | 72·3 |
| 6 | 78 | 77 | 86 | 85 | 88 | 87 | 88 | 87 | 85 | 82 | 73 | 66 | 65 | 63 | 66 | 68 | 73 | 73 | 81 | 84 | 87 | 88 | 87 | 86 | 88 | 79·5 |
| 7 | 88 | 86 | 87 | 85 | 85 | 88 | 92 | 88 | 80 | 78 | 75 | 73 | 74 | 74 | 75 | 77 | 80 | 82 | 85 | 90 | 93 | 92 | 90 | 92 | 83 | 83·0 |
| 8 | 92 | 93 | 95 | 95 | 96 | 97 | 99 | 98 | 99 | 98 | 94 | 95 | 94 | 96 | 94 | 93 | 93 | 92 | 94 | 98 | 96 | 99 | 98 | 99 | 98 | 95·8 |
| 9 | 98 | 98 | 100 | 100 | 100 | 99 | 100 | 94 | 92 | 91 | 87 | 86 | 83 | 78 | 76 | 73 | 71 | 72 | 73 | 77 | 85 | 89 | 88 | 90 | 93 | 87·8 |
| 10 | 93 | 93 | 95 | 94 | 93 | 87 | 85 | 83 | 81 | 79 | 77 | 87 | 95 | 95 | 94 | 93 | 88 | 91 | 91 | 93 | 83 | 83 | 82 | 80 | 84 | 87·9 |
| 11 | 84 | 83 | 86 | 88 | 83 | 85 | 80 | 90 | 85 | 80 | 79 | 80 | 79 | 87 | 80 | 87 | 82 | 84 | 81 | 81 | 87 | 91 | 89 | 91 | 92 | 84·4 |
| 12 | 92 | 95 | 98 | 97 | 97 | 95 | 95 | 98 | 98 | 91 | 84 | 79 | 76 | 72 | 73 | 76 | 82 | 86 | 92 | 93 | 93 | 96 | 96 | 96 | 96 | 89·5 |
| 13 | 96 | 95 | 95 | 94 | 91 | 83 | 88 | 81 | 82 | 81 | 74 | 73 | 71 | 71 | 71 | 72 | 70 | 72 | 86 | 82 | 83 | 85 | 88 | 85 | 87 | 81·8 |
| 14 | 87 | 88 | 89 | 86 | 84 | 86 | 92 | 91 | 90 | 84 | 81 | 80 | 72 | 67 | 66 | 62 | 67 | 72 | 70 | 74 | 82 | 82 | 80 | 81 | 83 | 79·7 |
| 15 | 83 | 76 | 76 | 75 | 76 | 79 | 81 | 87 | 80 | 74 | 73 | 64 | 64 | 68 | 65 | 70 | 67 | 72 | 71 | 76 | 76 | 74 | 77 | 80 | 86 | 74·4 |
| 16 | 86 | 94 | 87 | 88 | 91 | 86 | 86 | 89 | 88 | 92 | 81 | 72 | 66 | 59 | 55 | 54 | 52 | 53 | 55 | 61 | 60 | 61 | 62 | 61 | 65 | 72·0 |
| 17 | 65 | 67 | 64 | 62 | 59 | 70 | 70 | 72 | 65 | 62 | 72 | 60 | 63 | 64 | 62 | 61 | 58 | 63 | 64 | 68 | 68 | 61 | 64 | 66 | 71 | 64·8 |
| 18 | 71 | 75 | 76 | 86 | 79 | 73 | 87 | 91 | 81 | 88 | 84 | 86 | 84 | 81 | 70 | 67 | 63 | 68 | 68 | 72 | 72 | 78 | 81 | 84 | 89 | 78·0 |
| 19 | 89 | 91 | 91 | 93 | 93 | 93 | 89 | 79 | 75 | 75 | 74 | 67 | 68 | 70 | 65 | 64 | 65 | 75 | 75 | 74 | 72 | 72 | 73 | 74 | 72 | 77·0 |
| 20 | 72 | 67 | 72 | 72 | 73 | 74 | 78 | 81 | 82 | 77 | 74 | 73 | 72 | 82 | 74 | 72 | 71 | 70 | 77 | 74 | 74 | 74 | 80 | 85 | 81 | 75·2 |
| 21 | 81 | 83 | 91 | 86 | 88 | 85 | 84 | 85 | 81 | 82 | 82 | 80 | 70 | 83 | 77 | 82 | 80 | 82 | 79 | 81 | 85 | 88 | 88 | 87 | 89 | 83·0 |
| 22 | 89 | 89 | 88 | 91 | 91 | 91 | 91 | 92 | 86 | 83 | 76 | 84 | 73 | 72 | 72 | 75 | 73 | 77 | 79 | 84 | 75 | 70 | 72 | 73 | 84 | 81·0 |
| 23 | 84 | 83 | 81 | 85 | 73 | 69 | 70 | 73 | 71 | 67 | 61 | 65 | 61 | 58 | 62 | 61 | 59 | 67 | 64 | 80 | 77 | 84 | 70 | 74 | 87 | 70·9 |
| 24 | 87 | 70 | 87 | 71 | 68 | 67 | 68 | 72 | 65 | 76 | 75 | 78 | 79 | 86 | 72 | 93 | 89 | 95 | 85 | 84 | 82 | 81 | 86 | 77 | 68 | 78·5 |
| 25 | 68 | 75 | 67 | 70 | 70 | 72 | 82 | 86 | 85 | 79 | 78 | 76 | 82 | 84 | 70 | 81 | 87 | 84 | 78 | 78 | 82 | 77 | 76 | 86 | 83 | 78·3 |
| 26 | 83 | 93 | 84 | 84 | 94 | 83 | 91 | 91 | 85 | 84 | 74 | 68 | 64 | 64 | 66 | 63 | 65 | 73 | 82 | 79 | 83 | 81 | 80 | 83 | 82 | 79·0 |
| 27 | 82 | 83 | 87 | 90 | 87 | 90 | 91 | 91 | 88 | 87 | 85 | 89 | 89 | 89 | 87 | 87 | 93 | 89 | 91 | 91 | 92 | 92 | 94 | 92 | 92 | 89·2 |
| 28 | 92 | 92 | 94 | 94 | 94 | 93 | 86 | 86 | 80 | 76 | 75 | 87 | 88 | 82 | 85 | 82 | 79 | 79 | 84 | 90 | 89 | 92 | 94 | 94 | 94 | 86·9 |
| 29 | 94 | 94 | 94 | 95 | 96 | 97 | 98 | 93 | 97 | 99 | 99 | 96 | 97 | 97 | 98 | 94 | 93 | 88 | 89 | 91 | 95 | 98 | 98 | 99 | 99 | 95·5 |
| 30 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 100 | 100 | 99 | 98 | 99 | 100 | 100 | 99 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 97 | 97 | 99 | 98·6 |
| Mean ... | 85·2 | 85·4 | 86·7 | 86·4 | 86·2 | 85·1 | 86·5 | 86·7 | 84·0 | 82·6 | 80·0 | 78·3 | 76·9 | 77·8 | 75·2 | 76·1 | 75·4 | 78·1 | 79·1 | 81·4 | 82·2 | 82·9 | 83·0 | 83·8 | 85·5 | 81·9 |
| Mean, 1886–1905. | 85·7 | 86·1 | 86·5 | 86·4 | 86·6 | 86·7 | 86·9 | 86·4 | 84·8 | 81·5 | 79·2 | 76·6 | 75·9 | 75·5 | 75·0 | 75·2 | 75·6 | 76·8 | 78·4 | 80·6 | 83·2 | 84·6 | 85·2 | 85·6 | 85·8 | 81·9 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. APRIL, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1 + \ldots + 23 + \frac{1}{2}(0 + 24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES of PRESSURE and TEMPERATURE. APRIL, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·742 | 9·386 | 47·7 | 35·2 | 9 | 0·030 | 9·913 | 43·7 | 39·3 | 17 | 0·457 | 0·013 | **56·7** | 41·7 | 25 | 9·595 | **9·222** | 42·5 | 29·7 |
| 2 | 9·729 | 9·371 | 53·9 | 41·0 | 10 | 9·942 | 9·773 | 46·1 | 39·4 | 18 | 0·087 | 9·864 | 42·8 | 36·8 | 26 | 9·606 | 9·449 | 43·8 | 38·1 |
| 3 | 9·513 | 9·234 | 48·7 | 40·9 | 11 | 9·990 | 9·745 | 45·0 | 40·1 | 19 | 9·864 | 9·743 | 43·0 | 34·8 | 27 | 9·794 | 9·527 | 45·0 | 40·8 |
| 4 | 9·872 | 9·513 | 45·2 | 39·8 | 12 | 0·186 | 9·989 | 45·7 | 38·3 | 20 | 9·813 | 9·605 | 47·2 | 33·3 | 28 | 9·882 | 9·788 | 45·8 | 41·4 |
| 5 | 0·258 | 9·872 | 43·0 | 35·9 | 13 | 0·329 | 0·180 | 45·1 | 37·1 | 21 | 9·680 | 9·612 | 43·4 | 36·4 | 29 | 0·073 | 9·882 | 46·0 | 39·9 |
| 6 | 0·375 | 0·255 | 45·4 | 36·7 | 14 | 0·410 | 0·329 | 46·0 | 34·9 | 22 | 9·674 | 9·564 | 39·2 | 28·5 | 30 | 0·072 | 9·931 | 45·4 | 42·6 |
| 7 | 0·365 | 0·147 | 52·3 | 36·0 | 15 | 0·508 | 0·372 | 45·4 | 36·2 | 23 | 9·664 | 9·483 | 35·2 | 25·2 | | | | | |
| 8 | 0·149 | 0·030 | 48·0 | 43·6 | 16 | **0·538** | 0·457 | 49·2 | 36·0 | 24 | 9·483 | 9·238 | 37·9 | **21·5** | Mean | — | — | 45·5 | 36·7 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. APRIL, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·386 | 9·401 | 9·414 | 9·431 | 9·462 | 9·483 | 9·507 | 9·529 | 9·554 | 9·574 | 9·592 | 9·609 | 9·630 | 9·644 | 9·657 | 9·665 | 9·683 | 9·691 | 9·713 | 9·728 | 9·738 | 9·736 | 9·740 | 9·732 | 9·729 | 9·603 |
| 2 | 9·729 | 9·715 | 9·693 | 9·668 | 9·650 | 9·621 | 9·606 | 9·595 | 9·580 | 9·561 | 9·550 | 9·537 | 9·515 | 9·479 | 9·440 | 9·420 | 9·429 | 9·429 | 9·430 | 9·423 | 9·416 | 9·404 | 9·402 | 9·385 | 9·371 | 9·521 |
| 3 | 9·371 | 9·341 | 9·325 | 9·297 | 9·278 | 9·256 | 9·245 | 9·234 | 9·246 | 9·258 | 9·271 | 9·289 | 9·308 | 9·320 | 9·331 | 9·346 | 9·369 | 9·389 | 9·416 | 9·433 | 9·458 | 9·470 | 9·486 | 9·498 | 9·513 | 9·346 |
| 4 | 9·513 | 9·530 | 9·552 | 9·562 | 9·580 | 9·594 | 9·620 | 9·633 | 9·646 | 9·652 | 9·656 | 9·653 | 9·664 | 9·679 | 9·701 | 9·715 | 9·726 | 9·754 | 9·783 | 9·808 | 9·833 | 9·844 | 9·849 | 9·864 | 9·872 | 9·691 |
| 5 | 9·872 | 9·883 | 9·900 | 9·913 | 9·939 | 9·963 | 9·993 | 0·010 | 0·036 | 0·046 | 0·066 | 0·076 | 0·093 | 0·113 | 0·130 | 0·143 | 0·158 | 0·176 | 0·196 | 0·212 | 0·230 | 0·242 | 0·246 | 0·252 | 0·258 | 0·087 |
| 6 | 0·258 | 0·256 | 0·268 | 0·270 | 0·278 | 0·292 | 0·315 | 0·331 | 0·334 | 0·337 | 0·334 | 0·337 | 0·346 | 0·337 | 0·353 | 0·345 | 0·358 | 0·356 | 0·369 | 0·369 | 0·372 | 0·367 | 0·364 | 0·357 | 0·365 | 0·332 |
| 7 | 0·365 | 0·352 | 0·353 | 0·346 | 0·337 | 0·326 | 0·309 | 0·312 | 0·302 | 0·290 | 0·274 | 0·253 | 0·230 | 0·212 | 0·200 | 0·188 | 0·178 | 0·174 | 0·163 | 0·166 | 0·167 | 0·167 | 0·160 | 0·151 | 0·140 | 0·244 |
| 8 | 0·149 | 0·144 | 0·133 | 0·121 | 0·119 | 0·113 | 0·116 | 0·117 | 0·114 | 0·116 | 0·110 | 0·099 | 0·097 | 0·089 | 0·079 | 0·066 | 0·061 | 0·056 | 0·053 | 0·050 | 0·050 | 0·057 | 0·055 | 0·050 | 0·042 | 0·089 |
| 9 | 0·030 | 0·012 | 0·004 | 9·989 | 9·972 | 9·960 | 9·953 | 9·943 | 9·937 | 9·931 | 9·928 | 9·921 | 9·919 | 9·916 | 9·913 | 9·915 | 9·922 | 9·927 | 9·935 | 9·946 | 9·953 | 9·947 | 9·946 | 9·943 | 9·942 | 9·947 |
| 10 | 9·942 | 9·933 | 9·925 | 9·918 | 9·907 | 9·901 | 9·897 | 9·892 | 9·886 | 9·881 | 9·874 | 9·861 | 9·853 | 9·838 | 9·826 | 9·815 | 9·810 | 9·802 | 9·798 | 9·795 | 9·791 | 9·788 | 9·783 | 9·778 | 9·773 | 9·850 |
| 11 | 9·773 | 9·764 | 9·757 | 9·751 | 9·747 | 9·745 | 9·749 | 9·753 | 9·766 | 9·774 | 9·786 | 9·800 | 9·812 | 9·821 | 9·830 | 9·839 | 9·849 | 9·862 | 9·888 | 9·911 | 9·932 | 9·953 | 9·969 | 9·978 | 9·990 | 9·830 |
| 12 | 9·990 | 9·990 | 9·999 | 0·012 | 0·023 | 0·037 | 0·057 | 0·071 | 0·086 | 0·097 | 0·112 | 0·114 | 0·128 | 0·131 | 0·129 | 0·133 | 0·137 | 0·146 | 0·154 | 0·166 | 0·178 | 0·184 | 0·184 | 0·184 | 0·184 | 0·106 |
| 13 | 0·184 | 0·183 | 0·181 | 0·182 | 0·185 | 0·192 | 0·203 | 0·202 | 0·206 | 0·210 | 0·223 | 0·225 | 0·227 | 0·230 | 0·224 | 0·227 | 0·240 | 0·246 | 0·264 | 0·279 | 0·295 | 0·305 | 0·314 | 0·323 | 0·329 | 0·234 |
| 14 | 0·329 | 0·337 | 0·342 | 0·342 | 0·352 | 0·361 | 0·370 | 0·378 | 0·386 | 0·389 | 0·380 | 0·374 | 0·371 | 0·370 | 0·373 | 0·372 | 0·375 | 0·376 | 0·388 | 0·398 | 0·410 | 0·403 | 0·403 | 0·406 | 0·397 | 0·376 |
| 15 | 0·397 | 0·386 | 0·383 | 0·375 | 0·373 | 0·378 | 0·392 | 0·400 | 0·414 | 0·410 | 0·412 | 0·409 | 0·415 | 0·421 | 0·424 | 0·426 | 0·433 | 0·440 | 0·448 | 0·468 | 0·486 | 0·492 | 0·501 | 0·502 | 0·504 | 0·427 |
| 16 | 0·504 | 0·516 | 0·526 | 0·517 | 0·521 | 0·512 | 0·518 | 0·518 | 0·533 | 0·531 | 0·530 | 0·520 | 0·514 | 0·510 | 0·505 | 0·500 | 0·498 | 0·492 | 0·486 | 0·485 | 0·496 | 0·493 | 0·482 | 0·467 | 0·457 | 0·506 |
| 17 | 0·457 | 0·444 | 0·440 | 0·420 | 0·407 | 0·392 | 0·370 | 0·353 | 0·327 | 0·294 | 0·253 | 0·206 | 0·181 | 0·149 | 0·104 | 0·077 | 0·054 | 0·034 | 0·017 | 0·022 | 0·036 | 0·054 | 0·055 | 0·061 | 0·087 | 0·209 |
| 18 | 0·087 | 0·076 | 0·079 | 0·077 | 0·067 | 0·065 | 0·066 | 0·056 | 0·058 | 0·051 | 0·046 | 0·037 | 0·036 | 0·029 | 0·009 | 9·996 | 9·984 | 9·968 | 9·955 | 9·944 | 9·938 | 9·919 | 9·905 | 9·885 | 9·864 | 0·009 |
| 19 | 9·864 | 9·845 | 9·819 | 9·795 | 9·784 | 9·772 | 9·769 | 9·760 | 9·768 | 9·762 | 9·765 | 9·767 | 9·768 | 9·753 | 9·750 | 9·746 | 9·760 | 9·764 | 9·760 | 9·765 | 9·778 | 9·782 | 9·787 | 9·802 | 9·812 | 9·777 |
| 20 | 9·812 | 9·800 | 9·801 | 9·796 | 9·781 | 9·786 | 9·791 | 9·792 | 9·789 | 9·794 | 9·782 | 9·773 | 9·767 | 9·741 | 9·721 | 9·698 | 9·672 | 9·654 | 9·624 | 9·606 | 9·612 | 9·620 | 9·630 | 9·630 | 9·632 | 9·724 |
| 21 | 9·632 | 9·632 | 9·623 | 9·613 | 9·614 | 9·615 | 9·623 | 9·630 | 9·640 | 9·654 | 9·667 | 9·674 | 9·673 | 9·675 | 9·680 | 9·663 | 9·663 | 9·653 | 9·657 | 9·656 | 9·664 | 9·660 | 9·657 | 9·644 | 9·634 | 9·648 |
| 22 | 9·634 | 9·617 | 9·597 | 9·586 | 9·571 | 9·567 | 9·593 | 9·600 | 9·610 | 9·616 | 9·622 | 9·621 | 9·633 | 9·631 | 9·630 | 9·622 | 9·626 | 9·641 | 9·647 | 9·663 | 9·665 | 9·667 | 9·671 | 9·662 | 9·664 | 9·625 |
| 23 | 9·664 | 9·660 | 9·654 | 9·636 | 9·628 | 9·625 | 9·627 | 9·632 | 9·633 | 9·626 | 9·615 | 9·594 | 9·594 | 9·599 | 9·581 | 9·569 | 9·553 | 9·548 | 9·545 | 9·544 | 9·540 | 9·524 | 9·509 | 9·498 | 9·483 | 9·587 |
| 24 | 9·483 | 9·464 | 9·447 | 9·443 | 9·429 | 9·426 | 9·427 | 9·429 | 9·431 | 9·423 | 9·408 | 9·395 | 9·393 | 9·384 | 9·376 | 9·360 | 9·345 | 9·331 | 9·320 | 9·322 | 9·313 | 9·305 | 9·287 | 9·260 | 9·238 | 9·378 |
| 25 | 9·238 | 9·233 | 9·227 | 9·226 | 9·227 | 9·236 | 9·255 | 9·264 | 9·293 | 9·313 | 9·317 | 9·326 | 9·332 | 9·354 | 9·371 | 9·391 | 9·419 | 9·439 | 9·487 | 9·527 | 9·562 | 9·578 | 9·589 | 9·595 | 9·592 | 9·374 |
| 26 | 9·592 | 9·585 | 9·591 | 9·596 | 9·590 | 9·591 | 9·588 | 9·579 | 9·566 | 9·561 | 9·535 | 9·503 | 9·496 | 9·484 | 9·475 | 9·460 | 9·452 | 9·464 | 9·472 | 9·484 | 9·492 | 9·509 | 9·517 | 9·527 | 9·525 | |
| 27 | 9·527 | 9·540 | 9·559 | 9·571 | 9·587 | 9·606 | 9·626 | 9·632 | 9·652 | 9·669 | 9·679 | 9·687 | 9·708 | 9·718 | 9·727 | 9·740 

**ABERDEEN.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. APRIL, 1908.

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 23 | 11 | 23 | 11 | 24 | 11 | 26 | 12 | 23 | 9 | 25 | 9 | 25 | 15 | 25 | 12 | 25 | 18 | 26 | 21 | 26 | 21 | 26 | 17 |
| 2 | — | 3 | 17 | 4 | 17 | 4 | 18 | 6 | 18 | 6 | 17 | 6 | 17 | 4 | 17 | 7 | 18 | 11 | 19 | 11 | 18 | 8 | 16 | 8 |
| 3 | 18 | 6 | 15 | 7 | 17 | 5 | 18 | 7 | 18 | 4 | 18 | 7 | 21 | 9 | 21 | 7 | 24 | 9 | 24 | 12 | 27 | 12 | 27 | 15 |
| 4 | 27 | 15 | 28 | 15 | 27 | 11 | 27 | 12 | 28 | 13 | 28 | 15 | 28 | 15 | 28 | 19 | 28 | 19 | 27 | 23 | 27 | 23 | 28 | 19 |
| 5 | 30 | 17 | 32 | 19 | 32 | 18 | 31 | 18 | 31 | 15 | 31 | 15 | 31 | 17 | 31 | 16 | 30 | 17 | 31 | 15 | 32 | 15 | 32 | 15 |
| 6 | 28 | 9 | 28 | 10 | 28 | 9 | 28 | 8 | 28 | 7 | 27 | 8 | 27 | 5 | 30 | 4 | 31 | 6 | 6 | 8 | 7 | 6 | 8 | 7 |
| 7 | 20 | 5 | 20 | 4 | 20 | 6 | 20 | 4 | 19 | 5 | 19 | 5 | 19 | 8 | 17 | 7 | 17 | 10 | 16 | 9 | 17 | 8 | 17 | 10 |
| 8 | — | 2 | — | 2 | — | 2 | — | 2 | 22 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 15 | 5 |
| 9 | 13 | 4 | — | 3 | 12 | 5 | 12 | 6 | 11 | 5 | 11 | 5 | 11 | 6 | 10 | 7 | 9 | 9 | 9 | 7 | 8 | 7 | 8 | 8 |
| 10 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | — | 3 | 16 | 4 | 15 | 6 | 16 | 6 | 15 | 9 |
| 11 | 15 | 7 | 15 | 10 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 7 | 16 | 7 | 15 | 8 | 14 | 10 | 14 | 10 | 14 | 12 | 13 | 13 |
| 12 | 12 | 4 | — | 3 | — | 2 | — | 2 | — | 0 | — | 2 | 13 | 4 | 13 | 7 | 12 | 11 | 12 | 9 | 12 | 12 | 12 | 13 |
| 13 | 14 | 9 | 14 | 5 | — | 2 | — | 3 | — | 3 | — | 3 | 14 | 5 | 14 | 6 | 13 | 7 | 11 | 7 | 11 | 8 | 11 | 7 |
| 14 | 32 | 7 | 31 | 6 | 31 | 7 | 30 | 10 | 29 | 9 | 29 | 9 | 28 | 10 | 28 | 10 | 29 | 9 | 5 | 10 | 6 | 14 | 6 | 15 |
| 15 | 30 | 7 | 32 | 7 | 32 | 7 | 1 | 7 | 1 | 6 | 1 | 7 | 2 | 7 | 4 | 10 | 4 | 12 | 5 | 18 | 5 | 15 | 5 | 16 |
| 16 | 29 | 9 | 29 | 8 | 28 | 11 | 28 | 10 | 27 | 10 | 27 | 9 | 27 | 12 | 28 | 8 | 30 | 9 | 31 | 9 | 1 | 10 | 6 | 15 |
| 17 | 31 | 8 | 30 | 8 | 31 | 8 | 30 | 8 | 30 | 10 | 30 | 10 | 28 | 10 | 28 | 12 | 28 | 12 | 27 | 10 | 25 | 7 | 10 | 7 |
| 18 | 32 | 11 | 32 | 12 | 32 | 12 | 32 | 12 | 32 | 1 | 32 | 12 | 32 | 11 | 32 | 15 | 32 | 15 | 32 | 15 | 32 | 14 | 32 | 15 |
| 19 | 29 | 12 | 30 | 11 | 30 | 10 | 31 | 12 | 31 | 10 | 32 | 12 | 31 | 13 | 31 | 15 | 32 | 15 | 2 | 18 | 32 | 17 | 2 | 22 |
| 20 | 32 | 9 | 32 | 7 | 31 | 7 | 30 | 10 | 29 | 9 | 30 | 10 | 32 | 9 | 28 | 9 | 30 | 12 | 28 | 12 | 30 | 12 | 30 | 11 |
| 21 | 31 | 11 | 30 | 11 | 30 | 15 | 28 | 12 | 28 | 11 | 28 | 13 | 29 | 11 | 29 | 11 | 31 | 12 | 32 | 10 | 31 | 12 | 28 | 15 |
| 22 | 25 | 10 | 25 | 12 | 27 | 12 | 24 | 9 | 24 | 7 | 28 | 9 | 29 | 4 | 31 | 7 | 28 | 10 | 29 | 16 | 29 | 12 | 27 | 14 |
| 23 | 28 | 9 | 27 | 12 | 28 | 13 | 27 | 12 | 26 | 10 | 26 | 10 | 28 | 12 | 27 | 15 | 27 | 13 | 27 | 13 | 27 | 18 | 28 | 15 |
| 24 | 27 | 4 | 27 | 5 | 27 | 4 | 27 | 5 | 27 | 5 | 27 | 7 | 27 | 7 | 28 | 5 | 4 | 9 | 5 | 13 | 6 | 14 | 6 | 15 |
| 25 | 23 | 11 | 22 | 12 | 21 | 12 | 21 | 7 | 21 | 7 | 19 | 12 | 19 | 11 | 17 | 10 | 16 | 10 | 15 | 12 | 13 | 11 | 14 | 12 |
| 26 | 10 | 15 | 9 | 15 | 9 | 17 | 8 | 18 | 8 | 18 | 8 | 15 | 7 | 15 | 7 | 18 | 5 | 15 | 3 | 12 | 4 | 17 | 3 | 15 |
| 27 | 8 | 10 | 8 | 7 | 8 | 5 | 8 | 4 | — | 2 | 7 | 4 | 4 | 5 | 7 | 10 | 7 | 8 | 7 | 10 | 7 | 12 | 8 | 9 |
| 28 | 13 | 12 | 13 | 12 | 13 | 12 | 13 | 14 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 16 | 13 | 15 | 13 | 16 | 13 | 16 | 12 | 17 |
| 29 | 10 | 8 | 11 | 5 | 11 | 5 | 10 | 4 | 10 | 4 | 10 | 6 | 10 | 6 | 9 | 7 | 9 | 9 | 10 | 10 | 10 | 7 | 11 | 6 |
| 30 | 14 | 6 | 14 | 7 | 13 | 7 | 13 | 7 | 13 | 7 | 13 | 7 | 14 | 11 | 14 | 10 | 14 | 11 | 14 | 11 | 13 | 10 | 13 | 11 |
| Mean ... | — | 8 | — | 8 | — | 8 | — | 8 | — | 8 | — | 8 | — | 9 | — | 10 | — | 11 | — | 12 | — | 12 | — | 13 |
| Mean, 1881–1905. | — | 7·3 | — | 7·6 | — | 7·6 | — | 7·5 | — | 7·6 | — | 7·6 | — | 8·3 | — | 9·5 | — | 10·4 | — | 11·1 | — | 11·6 | — | 12·1 |

| DAYS. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 25 | 17 | 25 | 18 | 26 | 13 | 25 | 10 | 24 | 9 | 24 | 8 | 24 | 6 | 23 | 8 | 23 | 7 | 22 | 5 | 22 | 6 | 22 | 4 | 12 | 1 |
| 2 | 16 | 8 | 20 | 14 | 19 | 18 | 21 | 12 | 22 | 10 | 22 | 8 | 21 | 5 | 19 | 10 | 18 | 4 | — | 3 | — | 2 | — | 3 | 7 | 2 |
| 3 | 26 | 13 | 27 | 16 | 27 | 16 | 27 | 15 | 27 | 15 | 27 | 15 | 27 | 14 | 27 | 12 | 27 | 15 | 27 | 15 | 27 | 14 | 27 | 15 | 11 | 3 |
| 4 | 30 | 18 | 31 | 17 | 30 | 15 | 30 | 14 | 31 | 15 | 31 | 18 | 30 | 18 | 30 | 16 | 29 | 17 | 30 | 20 | 30 | 18 | 30 | 18 | 17 | 4 |
| 5 | 1 | 18 | 1 | 15 | 1 | 15 | 31 | 11 | 32 | 11 | 32 | 11 | 30 | 7 | 30 | 7 | 29 | 7 | 29 | 6 | 31 | 6 | 30 | 6 | 13 | 5 |
| 6 | 8 | 8 | 9 | 8 | 11 | 8 | 12 | 7 | 12 | 6 | 15 | 5 | 15 | 4 | 15 | 4 | 17 | 6 | 18 | 6 | 18 | 7 | 20 | 6 | 7 | 6 |
| 7 | 18 | 11 | 16 | 11 | 17 | 11 | 17 | 8 | 17 | 8 | 18 | 7 | 18 | 4 | 18 | 4 | — | 3 | — | 3 | — | 1 | — | 2 | 6 | 7 |
| 8 | 14 | 5 | 15 | 4 | 14 | 6 | 14 | 4 | 14 | 4 | — | 3 | — | 2 | 14 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | 3 | 8 |
| 9 | 7 | 8 | 5 | 11 | 5 | 10 | 3 | 11 | 2 | 9 | 1 | 7 | 2 | 5 | 2 | 4 | — | 3 | 29 | 5 | 29 | 4 | 29 | 5 | 6 | 9 |
| 10 | 14 | 10 | 14 | 10 | 15 | 9 | 15 | 10 | 14 | 10 | 16 | 8 | 16 | 5 | 16 | 8 | 15 | 7 | 15 | 7 | 15 | 10 | 14 | 8 | 6 | 10 |
| 11 | 12 | 13 | 13 | 12 | 13 | 13 | 13 | 11 | 13 | 8 | 13 | 7 | 13 | 8 | 13 | 6 | 13 | 4 | — | 3 | 12 | 4 | 9 | | 11 | |
| 12 | 13 | 13 | 13 | 12 | 13 | 12 | 14 | 10 | 13 | 10 | 14 | 10 | 14 | 8 | 14 | 8 | 14 | 9 | 14 | 10 | 14 | 10 | 13 | 9 | 8 | 12 |
| 13 | 11 | 7 | 9 | 9 | 10 | 9 | 9 | 9 | 7 | 9 | 4 | 9 | 4 | — | 3 | 9 | 4 | 32 | 5 | 32 | 5 | 6 | 13 | | 13 | |
| 14 | 6 | 18 | 6 | 17 | 5 | 17 | 5 | 16 | 4 | 12 | 5 | 12 | 5 | 11 | 5 | 7 | 4 | 6 | 5 | 7 | 3 | 6 | 32 | 7 | 11 | 14 |
| 15 | 6 | 15 | 7 | 13 | 7 | 12 | 7 | 10 | 7 | 8 | 6 | 8 | 6 | 7 | 6 | 5 | 4 | 4 | 31 | 7 | 31 | 7 | 30 | 9 | 9 | 15 |
| 16 | 6 | 15 | 6 | 15 | 3 | 13 | 1 | 12 | 1 | 12 | 2 | 10 | 2 | 10 | 1 | 8 | 32 | 7 | 31 | 6 | 31 | 6 | 31 | 7 | 10 | 16 |
| 17 | 10 | 5 | 32 | 10 | 28 | 16 | 27 | 19 | 27 | 17 | 28 | 16 | 29 | 15 | 31 | 12 | 1 | 15 | 32 | 13 | 1 | 15 | 32 | 14 | 12 | 17 |
| 18 | 31 | 16 | 32 | 15 | 30 | 14 | 31 | 14 | 29 | 13 | 31 | 13 | 32 | 9 | 31 | 10 | 29 | 11 | 30 | 12 | 30 | 11 | 29 | 12 | 13 | 18 |
| 19 | 1 | 19 | 32 | 21 | 32 | 20 | 32 | 18 | 1 | 20 | 31 | 15 | 32 | 15 | 32 | 15 | 32 | 15 | 32 | 11 | 32 | 11 | 32 | 10 | 15 | 19 |
| 20 | 27 | 13 | 27 | 12 | 27 | 12 | 27 | 15 | 27 | 13 | 26 | 15 | 25 | 17 | 27 | 13 | 28 | 14 | 29 | 10 | 30 | 12 | 30 | 14 | 12 | 20 |
| 21 | 29 | 12 | 29 | 12 | 28 | 13 | 29 | 11 | 28 | 12 | 28 | 13 | 28 | 11 | 28 | 10 | 28 | 7 | 29 | 8 | 28 | 10 | 28 | 7 | 11 | 21 |
| 22 | 28 | 12 | 31 | 11 | 30 | 12 | 2 | 12 | 32 | 12 | 1 | 9 | 1 | 7 | 32 | 6 | 27 | 9 | 29 | 6 | 28 | 10 | 28 | 9 | 10 | 22 |
| 23 | 29 | 14 | 28 | 10 | 27 | 12 | 28 | 10 | 29 | 6 | 27 | 9 | 28 | 7 | 28 | 8 | 28 | 4 | 28 | 5 | 28 | 4 | — | 3 | 10 | 23 |
| 24 | 6 | 15 | 5 | 15 | 5 | 15 | 32 | 10 | 3 | 10 | 31 | 10 | 31 | 10 | 28 | 10 | 28 | 9 | 28 | 10 | 25 | 10 | 24 | 10 | 9 | 24 |
| 25 | 14 | 12 | 15 | 14 | 14 | 15 | 14 | 11 | 13 | 15 | 14 | 16 | 15 | 12 | 14 | 14 | 14 | 12 | 13 | 10 | 13 | 12 | 11 | 15 | 12 | 25 |
| 26 | 3 | 15 | 4 | 12 | 4 | 11 | 4 | 13 | 6 | 12 | 7 | 11 | 6 | 12 | 6 | 12 | 6 | 13 | 6 | 12 | 6 | 9 | 6 | 10 | 14 | 26 |
| 27 | 11 | 8 | 10 | 8 | 11 | 9 | 12 | 7 | 11 | 8 | 12 | 8 | 13 | 7 | 13 | 10 | 13 | 10 | 13 | 11 | 13 | 12 | 13 | 11 | 8 | 27 |
| 28 | 18 | 15 | 13 | 15 | 13 | 15 | 12 | 15 | 12 | 13 | 12 | 10 | 12 | 11 | 12 | 10 | 12 | 9 | 11 | 9 | 11 | 10 | 10 | 9 | 13 | 28 |
| 29 | 11 | 7 | 11 | 7 | 11 | 8 | 12 | 9 | 12 | 9 | 13 | 6 | 13 | 5 | 13 | 6 | 13 | 6 | 13 | 7 | 14 | 6 | 14 | 4 | 7 | 29 |
| 30 | 18 | 10 | 13 | 15 | 13 | 13 | 13 | 10 | 12 | 10 | 13 | 9 | 13 | 7 | 13 | 5 | 13 | 6 | 13 | 4 | 13 | 4 | — | 3 | 8 | 30 |
| Mean ... | — | 12 | — | 13 | — | 13 | — | 12 | — | 11 | — | 10 | — | 9 | — | 9 | — | 8 | — | 8 | — | 8 | — | 8 | 10 | |
| Mean, 1881–1905. | — | 12·2 | — | 12·2 | — | 11·9 | — | 11·4 | — | 10·6 | — | 9·9 | — | 8·7 | — | 7·8 | — | 7·8 | — | 7·6 | — | 7·5 | — | 7·5 | 9·3 | Mean, 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**ABERDEEN.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. APRIL, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 01 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | 01 | 02 | 02 | 02 | 01 | 01 | — | — | — | 11 |
| 4 | — | 01 | — | — | — | — | 01 | — | 02 | — | 01 | 01 | 01 | — | — | 07 | 01 | 01 | 01 | 02 | — | 01 | — | — | 20 |
| 5 | 01 | 02 | 03 | 01 | — | — | — | 02 | 01 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 01 |
| 8 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 02 | 02 | 02 | — | 01 | 01 | 03 | 02 | 01 | 15 |
| 9 | 04 | 03 | 03 | 01 | 03 | 02 | 07 | 06 | 03 | 05 | 03 | 03 | 03 | 05 | 02 | 01 | — | — | — | — | — | — | — | — | 54 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 01 | — | 01 | — | — | — | — | — | 05 |
| 18 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 19 | — | — | — | — | — | — | — | 01 | — | — | 01 | 01 | — | — | — | — | 01 | — | — | — | — | — | — | — | 04 |
| 20 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 02 | — | 01 | 02 | 08 |
| 21 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 22 | — | — | — | — | — | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 23 | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 01 |
| 26 | — | — | — | — | — | — | — | — | — | — | 02 | 03 | 02 | 01 | — | 01 | — | — | 02 | 02 | — | — | 01 | — | 14 |
| 27 | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | 02 | 03 | 01 | 01 | — | 02 | — | 01 | 01 | — | 01 | — | 14 |
| Sum ... | 05 | 06 | 07 | 03 | 03 | 06 | 10 | 11 | 07 | 08 | 09 | 11 | 08 | 09 | 04 | 15 | 09 | 07 | 07 | 08 | 05 | 05 | 05 | 03 | 1·71 |
| Average 1871–1905. | ·084 | ·079 | ·077 | ·084 | ·102 | ·105 | ·114 | ·112 | ·099 | ·079 | ·069 | ·076 | ·077 | ·084 | ·090 | ·088 | ·092 | ·094 | ·073 | ·072 | ·076 | ·078 | ·091 | ·094 | 2·088 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

**ABERDEEN.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. APRIL, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·2 | ·7 | — | — | — | 9·8 | Bright day, but rather squally. |
| 2 | — | — | — | ·1 | ·4 | 1·0 | ·2 | — | — | — | — | — | — | ·4 | ·1 | — | — | 2·2 | Very dull and gloomy, with ●ᵉ; clearing |
| 3 | — | — | ·1 | — | — | ·8 | ·5 | ·5 | ·1 | ·7 | ·1 | ·1 | — | — | — | — | — | 2·9 | Cloudy, with frequent ●ᵉ showers. [during |
| 4 | — | — | ·1 | ·8 | ·3 | ·2 | ·4 | ·5 | ·6 | 1·0 | ·1 | ·1 | — | — | — | — | — | 4·1 | Cloudy to dull, and very showery. [night. |
| 5 | — | — | — | ·1 | ·1 | ·4 | — | — | — | — | — | — | — | ·1 | ·2 | — | — | 0·9 | Dull day, with ● A.M.; cloudy in evening. |
| 6 | — | — | — | — | ·1 | ·8 | 1·0 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | ·2 | — | — | 8·3 | Bright and fine on the whole. |
| 7 | — | — | ·2 | 1·0 | 1·0 | ·8 | 1·0 | ·9 | ·9 | 1·0 | 1·0 | ·9 | ·5 | — | — | — | — | 9·2 | Bright to dull, with ●ᵉ; ⊕ in forenoon. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● and ≋ᵉ P.M. |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ● and ≋ᵉ till afternoon. |
| 10 | — | — | — | — | ·1 | ·1 | ·6 | 1·0 | 1·0 | 1·0 | ·8 | ·4 | — | ·1 | — | — | — | 5·1 | Bright to cloudy; fine ⊕ mid-day. |
| 11 | — | — | — | — | — | — | ·2 | ·2 | ·7 | ·3 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | 4·6 | Cloudy to bright. |
| 12 | — | — | — | — | — | — | ·4 | ·4 | ·7 | ·9 | ·9 | ·5 | ·3 | — | — | — | — | 4·1 | Cloudy to fair; ●ᵉ early. |
| 13 | — | — | ·4 | 1·0 | 1·0 | 1·0 | ·8 | ·1 | — | ·9 | 1·0 | 1·0 | ·9 | ·4 | — | — | — | 8·5 | Bright generally; cloudy intervals. |
| 14 | — | — | — | ·2 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | 10·9 | ≋ about 7h., then clear and fine. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | ·2 | ·1 | — | — | — | 0·3 | Dull to cloudy; clearing rapidly after 21h. |
| 16 | — | — | — | — | ·2 | ·1 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | 8·4 | [helia 10h.–13h.; fine ○ occasionally. |
| 17 | — | — | — | — | ·1 | 1·0 | 1·0 | ·9 | ·6 | ·9 | ·1 | — | — | — | — | — | — | 4·6 | Bright to cloudy; very fine ⊕ with par- |
| 18 | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | 0·1 | Bright to cloudy, then dull with ●ᵉ. |
| 19 | — | — | ·1 | ·5 | 1·0 | 1·0 | ·5 | ·8 | ·4 | ·8 | ·7 | ·8 | ·5 | ·6 | ·2 | — | — | 7·9 | Dull all day; ✳ᵉ showers in evening. |
| 20 | — | — | — | — | ·5 | — | ·3 | ·1 | ·2 | ·1 | ·7 | ·1 | — | ·1 | ·1 | — | — | 2·2 | Alternately bright and cloudy; ✳ᵉ, △ᵉ. |
| 21 | — | — | — | — | — | — | — | — | ·3 | ·2 | ·2 | ·3 | ·1 | — | ·6 | — | — | 1·7 | ✳ᵉ early; cloudy to dull; ●ᵉ in evening. |
| 22 | — | — | — | — | — | — | — | — | ·3 | — | ·1 | ·3 | ·4 | ·5 | ·3 | — | — | 1·9 | A.M. dull, with ✳ᵉ; P.M. cloudy. |
| 23 | — | — | ·7 | ·6 | ·5 | 1·0 | 1·0 | 1·0 | ·6 | ·4 | — | ·6 | ·9 | ·4 | — | — | — | 9·7 | Cloudy day, ✳ᵉ. [✳ᵉ early. |
| 24 | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·6 | 1·0 | 1·0 | 1·0 | ·1 | — | 12·7 | Cold day, bright with cloudy intervals; |
| 25 | — | ·5 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | ·5 | ·8 | ·9 | 1·0 | ·6 | 1·0 | ·4 | — | — | — | 10·5 | Bright all day, but unusually cold. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bright day, with occasional ✳ᵉ showers; |
| 27 | — | — | — | ·1 | ·1 | ·5 | 1·0 | 1·0 | ·9 | ·5 | 1·0 | 1·0 | ·7 | ·9 | ·1 | — | — | 7·8 | dull evening. |
| 28 | — | — | — | ·3 | — | — | ·2 | ·6 | ·9 | 1·0 | ·8 | 1·0 | 1·0 | ·2 | — | — | — | 6·0 | Overcast all day, and ● after 11h. |
| 29 | — | — | ·1 | ·3 | ·8 | ·9 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | — | — | — | 9·8 | ●ᵉ early, then fair. |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy to bright. |
| | | | | | | | | | | | | | | | | | | | Cloudy early, then fine, but cloudy again |
| | | | | | | | | | | | | | | | | | | | Dull day, with ●ᵉ and ≋. [in evening, |
| | — | — | 0·9 | 3·9 | 8·0 | 10·1 | 13·4 | 14·6 | 13·8 | 15·1 | 16·9 | 15·7 | 14·2 | 11·8 | 10·5 | 4·8 | 0·5 | 154·2 | Total. |
| | — | — | 0·40 | 4·20 | 8·47 | 11·37 | 12·85 | 13·56 | 13·92 | 14·19 | 14·21 | 13·44 | 13·21 | 12·24 | 10·12 | 4·89 | 0·66 | 147·74 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. APRIL, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 37·8 | 36·8 | 36·7 | 36·7 | 36·6 | 35·8 | 35·4 | 37·1 | 38·7 | 41·1 | 42·3 | 43·3 | 43·9 | 45·4 | 46·8 | 47·6 | 45·5 | 46·1 | 45·0 | 43·4 | 42·8 | 41·9 | 41·7 | 41·8 | 42·0 | 41·3 |
| 2 | 42·0 | 42·1 | 42·0 | 41·7 | 41·2 | 41·3 | 41·7 | 43·0 | 45·8 | 47·9 | 49·1 | 47·9 | 49·6 | 50·6 | 51·8 | 53·7 | 53·3 | 50·3 | 50·3 | 49·7 | 47·6 | 46·2 | 44·2 | 42·8 | 42·0 | 46·5 |
| 3 | 42·0 | 41·7 | 41·0 | 41·0 | 41·4 | 41·7 | 41·8 | 42·0 | 42·6 | 45·7 | 46·8 | 47·2 | 45·8 | 45·8 | 46·8 | 45·8 | 44·1 | 44·2 | 41·4 | 41·9 | 41·4 | 41·4 | 41·7 | 41·6 | 41·5 | 43·2 |
| 4 | 41·5 | 41·0 | 40·9 | 40·7 | 40·2 | 40·7 | 40·4 | 41·4 | 41·7 | 40·8 | 42·4 | 42·3 | 43·8 | 43·8 | 43·9 | 43·8 | 43·1 | 42·3 | 41·6 | 41·2 | 40·8 | 40·4 | 40·3 | 40·8 | 40·8 | 41·6 |
| 5 | 40·8 | 40·8 | 41·0 | 40·0 | 39·8 | 39·8 | 39·9 | 40·6 | 39·1 | 39·7 | 40·4 | 41·4 | 42·5 | 42·1 | 42·2 | 43·0 | 42·3 | 41·1 | 41·6 | 39·4 | 37·8 | 35·9 | 36·1 | 37·6 | 37·7 | 40·1 |
| 6 | 37·7 | 37·5 | 37·0 | 36·9 | 37·0 | 36·8 | 37·1 | 37·8 | 40·3 | 41·9 | 43·6 | 44·5 | 44·5 | 44·4 | 43·8 | 44·2 | 43·6 | 43·6 | 43·4 | 42·3 | 41·1 | 40·5 | 39·9 | 39·0 | 38·4 | 40·8 |
| 7 | 38·4 | 38·4 | 37·6 | 37·9 | 37·7 | 37·2 | 37·0 | 38·0 | 40·5 | 42·1 | 45·0 | 47·4 | 48·6 | 51·4 | 50·1 | 49·8 | 48·2 | 47·4 | 47·8 | 47·1 | 47·3 | 47·9 | 47·8 | 47·7 | 47·2 | 44·3 |
| 8 | 47·2 | 47·3 | 47·0 | 46·5 | 46·2 | 45·9 | 46·0 | 46·8 | 46·8 | 46·1 | 45·8 | 46·5 | 47·0 | 47·4 | 47·6 | 47·4 | 46·4 | 45·8 | 44·8 | 44·4 | 44·0 | 43·9 | 43·8 | 43·7 | 43·6 | 45·9 |
| 9 | 43·6 | 43·5 | 43·4 | 43·4 | 43·2 | 43·2 | 43·1 | 43·2 | 43·3 | 43·4 | 43·2 | 42·9 | 42·9 | 42·8 | 42·4 | 42·2 | 41·4 | 41·3 | 41·6 | 41·4 | 41·2 | 41·1 | 40·9 | 39·6 | 39·8 | 42·3 |
| 10 | 39·8 | 39·9 | 39·6 | 39·6 | 39·7 | 39·7 | 39·6 | 41·0 | 41·7 | 42·7 | 42·8 | 45·3 | 45·6 | 45·8 | 45·0 | 45·0 | 44·2 | 44·4 | 43·0 | 42·5 | 42·3 | 42·3 | 42·2 | 42·1 | 41·9 | 42·4 |
| 11 | 41·9 | 41·9 | 41·9 | 41·9 | 41·9 | 42·0 | 42·0 | 42·4 | 42·9 | 43·8 | 44·0 | 44·7 | 44·0 | 44·2 | 44·2 | 44·2 | 43·4 | 42·8 | 42·3 | 41·7 | 41·3 | 41·0 | 41·0 | 41·2 | 40·9 | 42·6 |
| 12 | 40·9 | 38·9 | 38·6 | 38·5 | 39·4 | 39·6 | 39·8 | 40·9 | 42·7 | 42·9 | 43·4 | 44·8 | 44·9 | 45·3 | 44·8 | 44·7 | 44·9 | 43·9 | 43·0 | 42·8 | 42·0 | 41·8 | 41·4 | 41·6 | 41·0 | 42·1 |
| 13 | 41·0 | 40·7 | 40·0 | 39·0 | 38·3 | 37·8 | 37·7 | 41·5 | 43·0 | 43·8 | 43·9 | 43·8 | 44·3 | 44·9 | 44·3 | 44·0 | 44·3 | 44·2 | 43·4 | 43·1 | 42·1 | 41·6 | 40·5 | 38·8 | 38·2 | 41·9 |
| 14 | 38·2 | 37·5 | 36·8 | 36·5 | 35·9 | 34·9 | 35·8 | 36·4 | 37·8 | 41·0 | 45·4 | 45·2 | 45·3 | 45·3 | 46·0 | 45·2 | 44·8 | 44·8 | 44·1 | 43·0 | 42·2 | 41·4 | 41·1 | 40·7 | 38·1 | 41·1 |
| 15 | 38·1 | 36·8 | 38·4 | 38·5 | 39·4 | 40·2 | 40·7 | 41·2 | 42·9 | 43·9 | 44·3 | 44·8 | 44·7 | 45·1 | 45·0 | 44·0 | 44·8 | 44·6 | 44·0 | 43·6 | 43·2 | 42·3 | 40·0 | 38·9 | 37·6 | 42·1 |
| 16 | 37·6 | 36·4 | 36·2 | 36·4 | 36·0 | 36·6 | 36·5 | 37·9 | 41·2 | 43·4 | 45·4 | 49·0 | 46·0 | 47·0 | 46·4 | 48·6 | 48·0 | 47·0 | 46·0 | 44·8 | 44·3 | 43·9 | 43·5 | 43·2 | 43·7 | 42·7 |
| 17 | 43·7 | 43·6 | 43·0 | 42·8 | 42·6 | 41·8 | 41·8 | 42·4 | 42·0 | 44·2 | 47·2 | 53·7 | 50·4 | 50·2 | 55·0 | 53·8 | 49·7 | 48·7 | 47·8 | 47·1 | 46·0 | 44·2 | 43·8 | 43·4 | 41·8 | 46·2 |
| 18 | 41·8 | 41·2 | 40·0 | 38·7 | 39·6 | 38·9 | 39·9 | 40·3 | 41·2 | 41·2 | 41·8 | 41·8 | 41·8 | 41·7 | 42·6 | 41·2 | 41·6 | 40·7 | 39·3 | 38·3 | 38·0 | 37·8 | 37·8 | 37·4 | 36·9 | 40·1 |
| 19 | 36·0 | 36·0 | 37·5 | 37·6 | 38·0 | 36·8 | 37·7 | 38·9 | 37·5 | 40·6 | 40·6 | 41·8 | 42·0 | 41·6 | 43·0 | 41·6 | 36·4 | 36·8 | 37·0 | 37·8 | 36·0 | 35·5 | 35·4 | 35·8 | 34·8 | 38·3 |
| 20 | 34·8 | 34·9 | 34·8 | 34·2 | 34·5 | 34·8 | 35·5 | 35·7 | 37·8 | 39·4 | 40·5 | 41·8 | 42·8 | 44·4 | 45·9 | 46·5 | 46·6 | 46·8 | 46·3 | 45·6 | 43·2 | 41·4 | 41·2 | 40·4 | 38·4 | 40·5 |
| 21 | 38·4 | 38·1 | 38·3 | 38·3 | 37·9 | 37·3 | 37·2 | 38·8 | 39·3 | 38·8 | 38·8 | 40·5 | 41·4 | 42·5 | 41·5 | 43·0 | 42·2 | 41·7 | 41·6 | 40·6 | 39·2 | 38·2 | 37·2 | 36·8 | 36·4 | 39·4 |
| 22 | 36·4 | 36·0 | 36·2 | 36·2 | 35·5 | 34·8 | 33·7 | 34·8 | 35·3 | 37·2 | 37·7 | 38·4 | 38·4 | 36·6 | 38·2 | 37·9 | 36·6 | 33·4 | 34·4 | 33·8 | 32·2 | 30·5 | 30·5 | 29·0 | 28·5 | 35·0 |
| 23 | 28·5 | 28·5 | 28·1 | 27·4 | 26·7 | 26·8 | 28·2 | 27·7 | 28·5 | 29·9 | 31·2 | 32·4 | 33·2 | 32·8 | 33·3 | 34·2 | 33·2 | 34·4 | 34·1 | 32·2 | 29·8 | 28·0 | 26·6 | 25·9 | 26·2 | 30·0 |
| 24 | 26·2 | 25·4 | 23·0 | 23·8 | 22·4 | 21·5 | 22·8 | 26·6 | 29·2 | 33·4 | 34·7 | 36·0 | 36·0 | 37·2 | 35·7 | 35·7 | 36·2 | 36·5 | 37·2 | 32·5 | 31·8 | 31·1 | 30·9 | 31·2 | 31·2 | 30·8 |
| 25 | 31·2 | 31·0 | 30·0 | 30·0 | 30·1 | 29·8 | 31·7 | 33·4 | 34·8 | 37·0 | 38·4 | 38·7 | 36·4 | 38·6 | 40·8 | 40·0 | 41·1 | 42·0 | 38·6 | 38·9 | 40·0 | 40·7 | 40·6 | 40·8 | 41·0 | 36·6 |
| 26 | 41·0 | 40·7 | 40·2 | 40·0 | 39·8 | 39·7 | 39·9 | 40·8 | 41·4 | 42·4 | 43·0 | 43·8 | 39·5 | 38·2 | 39·0 | 40·7 | 40·9 | 40·7 | 40·8 | 40·6 | 40·4 | 40·8 | 41·0 | 41·0 | 41·6 | 40·7 |
| 27 | 41·0 | 41·0 | 41·2 | 41·2 | 41·1 | 41·0 | 41·0 | 41·7 | 42·4 | 44·0 | 44·2 | 44·6 | 44·2 | 44·0 | 44·2 | 44·3 | 44·0 | 43·6 | 43·2 | 42·9 | 42·1 | 41·9 | 41·8 | 42·0 | 42·0 | 42·6 |
| 28 | 42·0 | 42·3 | 41·9 | 42·0 | 41·8 | 41·6 | 41·5 | 41·8 | 42·4 | 42·8 | 43·5 | 44·2 | 44·9 | 45·3 | 45·2 | 45·1 | 44·2 | 43·9 | 43·6 | 42·9 | 42·5 | 41·8 | 41·9 | 41·8 | 41·8 | 43·0 |
| 29 | 41·8 | 41·7 | 41·2 | 40·9 | 40·6 | 40·3 | 41·7 | 42·4 | 43·0 | 43·8 | 44·4 | 43·0 | 44·0 | 45·2 | 45·2 | 44·8 | 44·4 | 44·4 | 43·4 | 43·0 | 43·0 | 42·9 | 43·4 | 43·2 | 42·6 | 43·0 |
| 30 | 42·0 | 42·8 | 42·7 | 42·7 | 42·7 | 42·8 | 43·2 | 43·8 | 44·5 | 44·8 | 44·8 | 44·9 | 45·2 | 44·8 | 44·6 | 44·4 | 44·4 | 44·4 | 44·2 | 44·2 | 44·0 | 43·9 | 43·7 | 43·7 | 43·7 | 43·9 |
| Mean ... | 39·2 | 38·9 | 38·5 | 38·4 | 38·2 | 38·0 | 38·3 | 39·3 | 40·3 | 41·7 | 42·6 | 43·6 | 43·5 | 43·8 | 44·2 | 44·3 | 43·5 | 43·0 | 42·5 | 41·8 | 41·0 | 40·4 | 40·1 | 39·8 | 39·4 | 41·0 |
| Mean, 1871–1905. | 40·7 | 40·4 | 40·2 | 40·0 | 39·7 | 39·6 | 40·0 | 41·3 | 42·5 | 43·9 | 44·9 | 45·6 | 46·0 | 46·3 | 46·2 | 46·1 | 45·7 | 45·3 | 44·6 | 43·6 | 42·7 | 42·1 | 41·6 | 41·2 | 40·8 | 42·9 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). APRIL, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 69 | 77 | 74 | 73 | 73 | 76 | 76 | 71 | 70 | 67 | 67 | 64 | 59 | 56 | 50 | 50 | 57 | 57 | 57 | 64 | 66 | 69 | 70 | 71 | 71 | 66·0 |
| 2 | 71 | 72 | 77 | 78 | 83 | 86 | 85 | 84 | 80 | 83 | 82 | 91 | 86 | 86 | 81 | 78 | 80 | 79 | 70 | 66 | 79 | 82 | 82 | 76 | 82 | 80·1 |
| 3 | 82 | 82 | 85 | 87 | 85 | 85 | 83 | 82 | 81 | 73 | 68 | 70 | 76 | 81 | 76 | 79 | 81 | 84 | 86 | 88 | 88 | 87 | 88 | 87 | 86 | 81·9 |
| 4 | 86 | 88 | 90 | 88 | 87 | 82 | 86 | 85 | 83 | 91 | 81 | 84 | 80 | 83 | 84 | 83 | 85 | 88 | 85 | 85 | 83 | 84 | 85 | 84 | 85 | 85·0 |
| 5 | 85 | 88 | 85 | 87 | 85 | 84 | 82 | 80 | 89 | 86 | 86 | 86 | 79 | 76 | 75 | 70 | 72 | 72 | 71 | 73 | 74 | 82 | 84 | 83 | 84 | 80·6 |
| 6 | 84 | 82 | 85 | 85 | 85 | 85 | 83 | 83 | 82 | 75 | 76 | 73 | 77 | 79 | 81 | 79 | 79 | 79 | 79 | 84 | 86 | 87 | 82 | 81 | 79 | 81·2 |
| 7 | 79 | 79 | 83 | 79 | 79 | 83 | 81 | 80 | 72 | 75 | 66 | 64 | 62 | 60 | 72 | 70 | 76 | 77 | 78 | 79 | 81 | 79 | 81 | 84 | 84 | 75·9 |
| 8 | 84 | 82 | 83 | 87 | 88 | 88 | 87 | 86 | 87 | 73 | 74 | 92 | 90 | 90 | 88 | 90 | 94 | 95 | 95 | 95 | 97 | 97 | 97 | 97 | 96 | 90·7 |
| 9 | 96 | 97 | 97 | 97 | 97 | 96 | 97 | 96 | 98 | 97 | 97 | 98 | 97 | 98 | 98 | 95 | 94 | 95 | 89 | 89 | 90 | 89 | 88 | 89 | 87 | 94·5 |
| 10 | 87 | 87 | 88 | 85 | 87 | 88 | 87 | 83 | 80 | 76 | 78 | 74 | 72 | 72 | 70 | 70 | 70 | 76 | 82 | 82 | 82 | 83 | 84 | 85 | 83 | 80·3 |
| 11 | 83 | 87 | 85 | 87 | 89 | 89 | 89 | 87 | 87 | 83 | 82 | 80 | 86 | 77 | 77 | 78 | 79 | 81 | 82 | 84 | 81 | 82 | 81 | 84 | 85 | 83·3 |
| 12 | 85 | 88 | 89 | 91 | 93 | 93 | 93 | 91 | 85 | 87 | 86 | 83 | 79 | 77 | 77 | 74 | 77 | 76 | 77 | 77 | 77 | 76 | 78 | 78 | 77 | 82·7 |
| 13 | 77 | 78 | 81 | 86 | 87 | 88 | 85 | 80 | 77 | 73 | 74 | 75 | 71 | 75 | 74 | 73 | 80 | 80 | 83 | 84 | 87 | 86 | 88 | 90 | 91 | 80·8 |
| 14 | 91 | 92 | 92 | 93 | 96 | 96 | 95 | 97 | 96 | 86 | 77 | 81 | 79 | 82 | 78 | 78 | 82 | 83 | 87 | 88 | 86 | 88 | 88 | 89 | 88 | 87·5 |
| 15 | 88 | 91 | 93 | 93 | 92 | 92 | 91 | 84 | 77 | 78 | 79 | 81 | 81 | 78 | 79 | 78 | 81 | 81 | 85 | 87 | 87 | 90 | 91 | 85·4 | | |
| 16 | 91 | 92 | 92 | 90 | 88 | 89 | 89 | 91 | 88 | 84 | 74 | 62 | 80 | 77 | 76 | 64 | 67 | 71 | 73 | 77 | 77 | 77 | 79 | 81 | 77 | 80·0 |
| 17 | 77 | 81 | 82 | 83 | 82 | 85 | 85 | 83 | 82 | 77 | 69 | 59 | 70 | 74 | 66 | 71 | 87 | 90 | 90 | 92 | 92 | 91 | 85 | 83 | 73 | 80·6 |
| 18 | 73 | 73 | 75 | 86 | 76 | 81 | 72 | 73 | 64 | 65 | 63 | 67 | 67 | 67 | 59 | 68 | 65 | 70 | 74 | 83 | 75 | 75 | 76 | 78 | 76 | 71·9 |
| 19 | 76 | 78 | 73 | 70 | 68 | 81 | 74 | 70 | 78 | 67 | 71 | 75 | 68 | 72 | 57 | 67 | 56 | 56 | 52 | 70 | 70 | 78 | 73 | 61 | 58 | 74·7 |
| 20 | 87 | 81 | 80 | 81 | 81 | 84 | 83 | 86 | 77 | 75 | 79 | 70 | 64 | 62 | 61 | 62 | 63 | 62 | 63 | 65 | 80 | 88 | 81 | 78 | 87 | 74·8 |
| 21 | 87 | 81 | 74 | 70 | 73 | 77 | 75 | 68 | 70 | 74 | 76 | 65 | 61 | 58 | 60 | 57 | 60 | 63 | 63 | 64 | 76 | 80 | 82 | 82 | 84 | 70·6 |
| 22 | 84 | 72 | 70 | 71 | 73 | 77 | 92 | 89 | 85 | 78 | 63 | 60 | 62 | 70 | 66 | 61 | 78 | 87 | 78 | 80 | 81 | 84 | 81 | 84 | 81 | 76·9 |
| 23 | 69 | 74 | 79 | 79 | 85 | 78 | 72 | 86 | 83 | 67 | 68 | 60 | 57 | 65 | 62 | 59 | 63 | 58 | 55 | 52 | 62 | 67 | 66 | 70 | 59 | 68·0 |
| 24 | 59 | 62 | 68 | 61 | 73 | 73 | 71 | 64 | 55 | 58 | 63 | 58 | 56 | 52 | 57 | 56 | 56 | 52 | 52 | 70 | 70 | 78 | 73 | 61 | 58 | 62·4 |
| 25 | 58 | 59 | 65 | 58 | 54 | 57 | 48 | 55 | 57 | 59 | 55 | 71 | 85 | 72 | 65 | 67 | 73 | 69 | 73 | 77 | 68 | 70 | 65 | 72 | 74 | 65·0 |
| 26 | 74 | 71 | 73 | 68 | 69 | 70 | 68 | 74 | 75 | 73 | 72 | 72 | 90 | 92 | 92 | 88 | 91 | 91 | 91 | 91 | 91 | 86 | 89 | 94 | 88 | 81·3 |
| 27 | 88 | 90 | 89 | 88 | 88 | 90 | 88 | 91 | 86 | 83 | 81 | 81 | 79 | 80 | 79 | 78 | 77 | 80 | 82 | 84 | 89 | 86 | 88 | 83 | 82 | 84·4 |
| 28 | 82 | 82 | 77 | 78 | 75 | 76 | 75 | 76 | 76 | 74 | 75 | 73 | 76 | 75 | 75 | 79 | 82 | 84 | 86 | 86 | 89 | 92 | 89 | 88 | 87 | 80·2 |
| 29 | 87 | 85 | 89 | 91 | 88 | 90 | 91 | 88 | 84 | 84 | 83 | 83 | 82 | 81 | 83 | 83 | 83 | 86 | 86 | 89 | 89 | 88 | 79 | 81 | 85 | 86·0 |
| 30 | 85 | 85 | 86 | 90 | 91 | 92 | 91 | 91 | 90 | 88 | 88 | 90 | 91 | 92 | 94 | 94 | 95 | 96 | 97 | 97 | 98 | 98 | 99 | 99 | 99 | 92·6 |
| Mean ... | 80·8 | 81·3 | 82·0 | 82·0 | 82·5 | 83·9 | 82·5 | 82·1 | 80·2 | 77·8 | 75·6 | 74·8 | 75·4 | 75·4 | 73·7 | 73·4 | 76·9 | 78·0 | 78·1 | 79·8 | 82·1 | 83·4 | 82·5 | 82·5 | 81·8 | 79·5 |
| Mean, 1886–1905. | 83·4 | 83·9 | 84·3 | 84·6 | 84·8 | 84·9 | 84·2 | 82·5 | 79·6 | 76·3 | 73·6 | 72·2 | 71·2 | 71·0 | 71·3 | 71·4 | 71·9 | 73·3 | 75·1 | 77·5 | 79·8 | 80·7 | 81·8 | 82·9 | 83·5 | 78·4 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. APRIL, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. APRIL, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·955 | 9·726 | 52·8 | 42·9 | 9 | 9·972 | 9·861 | 53·2 | 39·4 | 17 | 9·994 | 9·873 | 54·5 | 40·3 | 25 | 9·457 | **9·226** | 45·9 | 32·2 |
| 2 | 9·953 | 9·820 | 52·7 | 45·3 | 10 | 9·871 | 9·676 | 53·1 | 41·5 | 18 | 9·873 | 9·742 | 53·5 | 40·9 | 26 | 9·520 | 9·447 | 50·1 | 36·1 |
| 3 | 9·966 | 9·850 | 51·0 | 43·5 | 11 | 9·727 | 9·628 | 50·3 | 41·2 | 19 | 9·786 | 9·622 | 46·2 | 35·3 | 27 | 9·470 | 9·382 | 55·4 | 44·3 |
| 4 | 9·962 | 9·928 | 48·2 | 40·9 | 12 | 9·970 | 9·727 | 52·9 | 40·3 | 20 | 9·837 | 9·682 | 46·1 | 38·8 | 28 | 9·654 | 9·330 | 58·0 | 47·9 |
| 5 | 0·044 | 9·896 | 45·4 | 39·9 | 13 | 9·973 | 9·909 | 48·0 | 40·1 | 21 | 9·831 | 9·685 | 49·1 | 42·0 | 29 | 9·861 | 9·654 | 57·0 | 47·4 |
| 6 | 0·237 | 0·032 | 49·6 | 39·4 | 14 | 0·029 | 9·973 | 46·3 | 39·7 | 22 | 9·685 | 9·526 | 51·9 | 41·0 | 30 | 0·010 | 9·841 | **61·2** | 50·1 |
| 7 | **0·245** | 0·151 | 49·2 | 36·9 | 15 | 0·037 | 9·945 | 47·3 | 35·3 | 23 | 9·526 | 9·378 | 47·1 | 37·4 | | | | | |
| 8 | 0·151 | 9·972 | 52·1 | 39·9 | 16 | 9·974 | 9·902 | 58·1 | 43·9 | 24 | 9·416 | 9·278 | 43·4 | **32·0** | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 51·0 | 40·5 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. APRIL, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·726 | 9·746 | 9·750 | 9·774 | 9·782 | 9·794 | 9·816 | 9·840 | 9·848 | 9·852 | 9·870 | 9·889 | 9·893 | 9·883 | 9·877 | 9·873 | 9·877 | 9·879 | 9·899 | 9·905 | 9·921 | 9·943 | 9·951 | 9·955 | 9·953 | 9·861 |
| 2 | 9·953 | 9·949 | 9·943 | 9·927 | 9·921 | 9·913 | 9·917 | 9·917 | 9·917 | 9·913 | 9·913 | 9·908 | 9·898 | 9·888 | 9·866 | 9·862 | 9·848 | 9·836 | 9·824 | 9·826 | 9·838 | 9·838 | 9·846 | 9·859 | 9·854 | 9·886 |
| 3 | 9·854 | 9·854 | 9·854 | 9·850 | 9·850 | 9·854 | 9·856 | 9·854 | 9·860 | 9·870 | 9·890 | 9·908 | 9·918 | 9·928 | 9·942 | 9·944 | 9·950 | 9·956 | 9·960 | 9·956 | 9·962 | 9·964 | 9·956 | 9·956 | 9·962 | 9·908 |
| 4 | 9·962 | 9·954 | 9·950 | 9·942 | 9·944 | 9·938 | 9·948 | 9·954 | 9·952 | 9·960 | 9·958 | 9·952 | 9·944 | 9·944 | 9·944 | 9·950 | 9·956 | 9·958 | 9·960 | 9·940 | 9·940 | 9·938 | 9·932 | 9·934 | 9·928 | 9·945 |
| 5 | 9·928 | 9·908 | 9·906 | 9·896 | 9·902 | 9·900 | 9·910 | 9·920 | 9·920 | 9·920 | 9·920 | 9·936 | 9·938 | 9·942 | 9·942 | 9·936 | 9·936 | 9·928 | 9·934 | 9·960 | 9·978 | 0·000 | 0·012 | 0·032 | 0·040 | 9·945 |
| 6 | 0·044 | 0·040 | 0·042 | 0·054 | 0·048 | 0·062 | 0·096 | 0·112 | 0·130 | 0·132 | 0·144 | 0·141 | 0·135 | 0·139 | 0·147 | 0·147 | 0·157 | 0·163 | 0·181 | 0·197 | 0·215 | 0·217 | 0·231 | 0·229 | 0·237 | 0·138 |
| 7 | 0·237 | 0·237 | 0·235 | 0·233 | 0·231 | 0·227 | 0·239 | 0·243 | 0·245 | 0·235 | 0·223 | 0·211 | 0·209 | 0·197 | 0·185 | 0·175 | 0·167 | 0·161 | 0·161 | 0·165 | 0·169 | 0·161 | 0·165 | 0·159 | 0·151 | 0·201 |
| 8 | 0·151 | 0·139 | 0·137 | 0·129 | 0·121 | 0·115 | 0·123 | 0·121 | 0·113 | 0·101 | 0·091 | 0·072 | 0·060 | 0·048 | 0·038 | 0·020 | 0·014 | 0·010 | 0·008 | 9·998 | 9·992 | 9·992 | 9·986 | 9·976 | 9·972 | 0·061 |
| 9 | 9·972 | 9·962 | 9·958 | 9·950 | 9·936 | 9·930 | 9·924 | 9·926 | 9·938 | 9·940 | 9·934 | 9·925 | 9·923 | 9·911 | 9·899 | 9·883 | 9·867 | 9·861 | 9·865 | 9·861 | 9·869 | 9·873 | 9·879 | 9·873 | 9·865 | 9·909 |
| 10 | 9·865 | 9·871 | 9·861 | 9·853 | 9·843 | 9·833 | 9·833 | 9·841 | 9·845 | 9·843 | 9·839 | 9·834 | 9·822 | 9·810 | 9·796 | 9·772 | 9·762 | 9·756 | 9·740 | 9·726 | 9·716 | 9·706 | 9·696 | 9·686 | 9·676 | 9·794 |
| 11 | 9·676 | 9·654 | 9·654 | 9·642 | 9·632 | 9·632 | 9·654 | 9·660 | 9·670 | 9·668 | 9·676 | 9·677 | 9·677 | 9·677 | 9·673 | 9·667 | 9·667 | 9·671 | 9·675 | 9·683 | 9·697 | 9·703 | 9·711 | 9·719 | 9·727 | 9·673 |
| 12 | 9·737 | 9·731 | 9·743 | 9·745 | 9·759 | 9·779 | 9·805 | 9·819 | 9·839 | 9·855 | 9·873 | 9·884 | 9·894 | 9·898 | 9·900 | 9·900 | 9·902 | 9·916 | 9·932 | 9·948 | 9·964 | 9·968 | 9·970 | 9·970 | 9·966 | 9·868 |
| 13 | 9·966 | 9·964 | 9·960 | 9·960 | 9·954 | 9·950 | 9·948 | 9·946 | 9·950 | 9·944 | 9·948 | 9·935 | 9·927 | 9·927 | 9·919 | 9·909 | 9·913 | 9·911 | 9·915 | 9·925 | 9·937 | 9·947 | 9·959 | 9·963 | 9·973 | 9·941 |
| 14 | 9·973 | 9·977 | 9·983 | 9·981 | 9·987 | 9·995 | 0·011 | 0·021 | 0·025 | 0·029 | 0·025 | 0·019 | 0·019 | 0·019 | 0·011 | 0·003 | 0·001 | 9·997 | 9·999 | 0·003 | 0·011 | 0·015 | 0·017 | 0·017 | 0·013 | 0·003 |
| 15 | 0·013 | 0·011 | 0·009 | 0·001 | 9·997 | 9·997 | 0·015 | 0·025 | 0·035 | 0·031 | 0·037 | 0·023 | 0·013 | 0·003 | 9·993 | 9·983 | 9·979 | 9·969 | 9·959 | 9·963 | 9·969 | 9·965 | 9·955 | 9·947 | 9·945 | 9·994 |
| 16 | 9·945 | 9·933 | 9·931 | 9·921 | 9·915 | 9·907 | 9·913 | 9·915 | 9·925 | 9·933 | 9·939 | 9·940 | 9·934 | 9·926 | 9·914 | 9·914 | 9·906 | 9·904 | 9·914 | 9·922 | 9·954 | 9·964 | 9·968 | 9·966 | 9·974 | 9·930 |
| 17 | 9·974 | 9·968 | 9·966 | 9·964 | 9·968 | 9·968 | 9·968 | 9·968 | 9·968 | 9·976 | 9·978 | 9·994 | 9·987 | 9·977 | 9·963 | 9·951 | 9·937 | 9·927 | 9·913 | 9·907 | 9·897 | 9·913 | 9·897 | 9·887 | 9·883 | 9·945 |
| 18 | 9·873 | 9·857 | 9·835 | 9·819 | 9·797 | 9·779 | 9·767 | 9·763 | 9·757 | 9·753 | 9·745 | 9·748 | 9·754 | 9·748 | 9·732 | 9·730 | 9·742 | 9·748 | 9·750 | 9·742 | 9·746 | 9·746 | 9·766 | 9·766 | 9·772 | 9·776 | 9·786 | 9·771 |
| 19 | 9·786 | 9·780 | 9·776 | 9·768 | 9·760 | 9·758 | 9·750 | 9·748 | 9·744 | 9·722 | 9·710 | 9·694 | 9·680 | 9·654 | 9·650 | 9·642 | 9·624 | 9·622 | 9·626 | 9·640 | 9·658 | 9·654 | 9·672 | 9·684 | 9·692 | 9·698 |
| 20 | 9·692 | 9·694 | 9·690 | 9·688 | 9·690 | 9·696 | 9·702 | 9·712 | 9·722 | 9·732 | 9·752 | 9·757 | 9·765 | 9·765 | 9·771 | 9·773 | 9·783 | 9·787 | 9·797 | 9·801 | 9·825 | 9·831 | 9·837 | 9·837 | 9·831 | 9·757 |
| 21 | 9·831 | 9·819 | 9·801 | 9·789 | 9·779 | 9·775 | 9·767 | 9·767 | 9·767 | 9·767 | 9·763 | 9·763 | 9·749 | 9·747 | 9·741 | 9·735 | 9·721 | 9·717 | 9·713 | 9·711 | 9·713 | 9·701 | 9·703 | 9·695 | 9·685 | 9·749 |
| 22 | 9·685 | 9·667 | 9·653 | 9·639 | 9·619 | 9·605 | 9·605 | 9·597 | 9·587 | 9·589 | 9·589 | 9·578 | 9·574 | 9·562 | 9·556 | 9·548 | 9·536 | 9·534 | 9·538 | 9·542 | 9·559 | 9·554 | 9·542 | 9·540 | 9·526 | 9·580 |
| 23 | 9·526 | 9·514 | 9·498 | 9·482 | 9·462 | 9·450 | 9·450 | 9·448 | 9·440 | 9·438 | 9·438 | 9·430 | 9·420 | 9·414 | 9·402 | 9·394 | 9·390 | 9·378 | 9·380 | 9·382 | 9·388 | 9·400 | 9·404 | 9·402 | 9·394 | 9·428 |
| 24 | 9·394 | 9·390 | 9·378 | 9·372 | 9·360 | 9·356 | 9·362 | 9·378 | 9·388 | 9·410 | 9·416 | 9·408 | 9·406 | 9·402 | 9·386 | 9·372 | 9·358 | 9·350 | 9·342 | 9·330 | 9·326 | 9·320 | 9·302 | 9·290 | 9·282 | 9·364 |
| 25 | 9·282 | 9·264 | 9·250 | 9·230 | 9·228 | 9·226 | 9·238 | 9·252 | 9·272 | 9·298 | 9·310 | 9·335 | 9·347 | 9·351 | 9·379 | 9·383 | 9·397 | 9·407 | 9·415 | 9·425 | 9·447 | 9·445 | 9·445 | 9·447 | 9·451 | 9·340 |
| 26 | 9·451 | 9·447 | 9·455 | 9·457 | 9·473 | 9·473 | 9·485 | 9·485 | 9·497 | 9·501 | 9·513 | 9·508 | 9·510 | 9·512 | 9·520 | 9·518 | 9·516 | 9·514 | 9·508 | 9·504 | 9·502 | 9·494 | 9·486 | 9·476 | 9·466 | 9·492 |
| 27 | 9·466 | 9·456 | 9·452 | 9·452 | 9·450 | 9·452 | 9·464 |

## FALMOUTH. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. APRIL, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 28 | 7 | 26 | 7 | 26 | 8 | 25 | 8 | 25 | 6 | 27 | 5 | 25 | 5 | 25 | 6 | 22 | 5 | 22 | 6 | 23 | 5 | 21 | 4 | 19 | 7 | 20 | 7 | 25 | 18 | 25 | 16 | 24 | 11 | 23 | 6 | 25 | 9 | 24 | 6 | 23 | 5 | 25 | 8 | 25 | 10 | 8 | 1 |
| 2 | 25 | 8 | 24 | 7 | 24 | 6 | 22 | 8 | 22 | 9 | 22 | 8 | 21 | 9 | 21 | 11 | 21 | 11 | 20 | 13 | 21 | 13 | 21 | 15 | 20 | 15 | 20 | 18 | 25 | 18 | 25 | 17 | 20 | 16 | 24 | 11 | 25 | 10 | 23 | 6 | 23 | 10 | 23 | 12 | 23 | 10 | 12 | 2 |
| 3 | 23 | 9 | 23 | 10 | 23 | 12 | 24 | 12 | 23 | 10 | 22 | 11 | 22 | 12 | 23 | 17 | 25 | 18 | 25 | 21 | 26 | 21 | 26 | 21 | 26 | 20 | 25 | 18 | 25 | 18 | 25 | 14 | 25 | 14 | 23 | 6 | 25 | 18 | 25 | 14 | 27 | 14 | 27 | 16 | 28 | 15 | 15 | 3 |
| 4 | 27 | 17 | 27 | 15 | 27 | 15 | 27 | 18 | 27 | 15 | 29 | 14 | 28 | 12 | 28 | 15 | 30 | 16 | 29 | 19 | 27 | 24 | 27 | 23 | 28 | 22 | 28 | 22 | 27 | 19 | 28 | 22 | 28 | 21 | 29 | 17 | 29 | 14 | 29 | 15 | 29 | 15 | 30 | 15 | 29 | 12 | 30 | 15 | 17 | 4 |
| 5 | 30 | 15 | 30 | 13 | 30 | 13 | 31 | 13 | 31 | 13 | 32 | 16 | 31 | 14 | 32 | 18 | 32 | 19 | 32 | 18 | 31 | 18 | 31 | 19 | 31 | 19 | 31 | 20 | 31 | 18 | 31 | 18 | 31 | 18 | 31 | 17 | 31 | 18 | 31 | 13 | 32 | 12 | 32 | 10 | 1 | 8 | 16 | 5 |
| 6 | 32 | 10 | 32 | 9 | 32 | 7 | 32 | 7 | 32 | 10 | 32 | 7 | 32 | 7 | 2 | 8 | 2 | 11 | 3 | 12 | 2 | 9 | 2 | 9 | 32 | 10 | 32 | 12 | 32 | 13 | 32 | 13 | 32 | 13 | 32 | 11 | 31 | 7 | 32 | 10 | 32 | 7 | — | 3 | — | 3 | 9 | 6 |
| 7 | 32 | 4 | 32 | 4 | 32 | 4 | 32 | 5 | 32 | 4 | 32 | 7 | 1 | 6 | 1 | 7 | 32 | 10 | 32 | 13 | 32 | 12 | 32 | 12 | 32 | 15 | 32 | 12 | 31 | 13 | 31 | 15 | 31 | 15 | 31 | 12 | 31 | 9 | 30 | 7 | 30 | 7 | 31 | 7 | 31 | 9 | 31 | 7 | 9 | 7 |
| 8 | 31 | 7 | 31 | 5 | 31 | 5 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 4 | 30 | 6 | 30 | 7 | 30 | 7 | 30 | 9 | 31 | 10 | 31 | 11 | 29 | 7 | 29 | 7 | 31 | 10 | 31 | 7 | 31 | 11 | 31 | 10 | 31 | 10 | 31 | 10 | 7 | 8 |
| 9 | 31 | 10 | 31 | 12 | 31 | 10 | 31 | 11 | 31 | 10 | 31 | 10 | 31 | 7 | 32 | 5 | — | 3 | 29 | 4 | 29 | 4 | 29 | 7 | 30 | 8 | 29 | 7 | 29 | 8 | 30 | 10 | 30 | 8 | 30 | 9 | 31 | 9 | 30 | 7 | 31 | 8 | 31 | 10 | 31 | 10 | 8 | 9 |
| 10 | 31 | 6 | 31 | 6 | 32 | 9 | 32 | 7 | 32 | 5 | 32 | 7 | 32 | 6 | 32 | 7 | 1 | 9 | 1 | 7 | 32 | 6 | 28 | 6 | 27 | 7 | 27 | 6 | — | 3 | 18 | 7 | 21 | 10 | 21 | 10 | 20 | 9 | 19 | 7 | 18 | 4 | 24 | 7 | — | 3 | 24 | 7 | 7 | 10 |
| 11 | 29 | 4 | 28 | 6 | 28 | 7 | 28 | 11 | 30 | 12 | 30 | 11 | 29 | 10 | 29 | 11 | 29 | 14 | 30 | 12 | 29 | 12 | 29 | 12 | 29 | 11 | 28 | 10 | 29 | 10 | 28 | 10 | 29 | 9 | 29 | 8 | 30 | 5 | 30 | 4 | — | 3 | — | 2 | 30 | 4 | 30 | 4 | 8 | 11 |
| 12 | 30 | 4 | 30 | 4 | 30 | 4 | 30 | 4 | 30 | 5 | — | 3 | 30 | 4 | — | 3 | 30 | 4 | — | 3 | 30 | 4 | 31 | 4 | 12 | 4 | 12 | 4 | 10 | 7 | 5 | 6 | — | 1 | — | 2 | — | 3 | 31 | 4 | 31 | 4 | — | 3 | 31 | 4 | 31 | 5 | 4 | 12 |
| 13 | — | 2 | — | 2 | — | 3 | 31 | 4 | — | 3 | — | 3 | — | 3 | 8 | 6 | 10 | 7 | 9 | 7 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 8 | 10 | 6 | 10 | 6 | 7 | 5 | 7 | 4 | 7 | 5 | — | 3 | — | 2 | 5 | 4 | 5 | 13 |
| 14 | — | 3 | 4 | 4 | — | 3 | 2 | 5 | 2 | 6 | 2 | 5 | 2 | 8 | 3 | 10 | 4 | 7 | 8 | 7 | 5 | 7 | 4 | 8 | 8 | 7 | 5 | 7 | 4 | 8 | 3 | 8 | 3 | 8 | 3 | 7 | 1 | 7 | 3 | 10 | 3 | 9 | 7 | 14 |
| 15 | 2 | 6 | 2 | 4 | 2 | 7 | 2 | 4 | 2 | 4 | — | 3 | 2 | 4 | 2 | 8 | 3 | 8 | 4 | 8 | 5 | 9 | 3 | 10 | 4 | 10 | 3 | 10 | 3 | 10 | 3 | 10 | 3 | 12 | 1 | 8 | 1 | 10 | 1 | 10 | 1 | 10 | 32 | 8 | 32 | 6 | 8 | 15 |
| 16 | 32 | 6 | 2 | 8 | 2 | 5 | 2 | 6 | 2 | 6 | 2 | 7 | 2 | 8 | 3 | 10 | 5 | 10 | 5 | 10 | 7 | 8 | 4 | 14 | 5 | 13 | 5 | 11 | 6 | 12 | 5 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 11 | 3 | 9 | 10 | 16 |
| 17 | 3 | 13 | 3 | 10 | 1 | 10 | 32 | 11 | 2 | 10 | 3 | 10 | 3 | 7 | 3 | 10 | 3 | 11 | 4 | 9 | 5 | 9 | 7 | 8 | 10 | 7 | 11 | 5 | 5 | 6 | 6 | 4 | 6 | 6 | 3 | 8 | 1 | 8 | 2 | 7 | 2 | 6 | 32 | 4 | — | 2 | 8 | 17 |
| 18 | 32 | 4 | — | 3 | 32 | 4 | 32 | 4 | 32 | 4 | 32 | 4 | 32 | 8 | 32 | 10 | 31 | 10 | 31 | 8 | 31 | 7 | 7 | 4 | 11 | 6 | 10 | 5 | 7 | 4 | 3 | 8 | 3 | 8 | 3 | 9 | 1 | 8 | 2 | 7 | 2 | 4 | — | 3 | — | 3 | 1 | 6 | 6 | 18 |
| 19 | 2 | 4 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 | 28 | 6 | 28 | 11 | 27 | 10 | 28 | 11 | 30 | 15 | 31 | 12 | 32 | 15 | 32 | 19 | 32 | 17 | 32 | 15 | 32 | 12 | 32 | 10 | 32 | 11 | 32 | 7 | 9 | 19 |
| 20 | 32 | 4 | 32 | 6 | 32 | 9 | 32 | 9 | 32 | 6 | 1 | 9 | 1 | 12 | 1 | 15 | 32 | 16 | 1 | 18 | 32 | 17 | 32 | 18 | 32 | 18 | 32 | 17 | 32 | 18 | 32 | 18 | 32 | 15 | 1 | 13 | 32 | 12 | 32 | 8 | 32 | 4 | 32 | 4 | — | 3 | 32 | 5 | 11 | 20 |
| 21 | 30 | 6 | 30 | 6 | 26 | 4 | 27 | 5 | 28 | 5 | 28 | 4 | 28 | 7 | 28 | 10 | 28 | 11 | 28 | 12 | 28 | 12 | 27 | 12 | 28 | 10 | 28 | 10 | 27 | 10 | 27 | 9 | 27 | 6 | 27 | 4 | 27 | 4 | 26 | 4 | 26 | 4 | 26 | 4 | 8 | 21 |
| 22 | 23 | 7 | 23 | 10 | 22 | 4 | 22 | 4 | — | 2 | 22 | 4 | 22 | 4 | 21 | 9 | 24 | 10 | 22 | 4 | 26 | 7 | 25 | 10 | 26 | 9 | 26 | 10 | 27 | 11 | 28 | 10 | 27 | 10 | 27 | 9 | 27 | 7 | 27 | 4 | 27 | 5 | — | 3 | — | 2 | 27 | 4 | 7 | 22 |
| 23 | 26 | 4 | — | 2 | — | 2 | — | 3 | 26 | 5 | 32 | 4 | 31 | 4 | — | 3 | — | 2 | — | 3 | 2 | 4 | 32 | 8 | 32 | 8 | 32 | 13 | 31 | 15 | 32 | 16 | 32 | 15 | 32 | 16 | 1 | 12 | 1 | 14 | 32 | 15 | 32 | 12 | 1 | 7 | 31 | 10 | 8 | 23 |
| 24 | 32 | 8 | 32 | 4 | 25 | 10 | 31 | 7 | 30 | 10 | 31 | 16 | 30 | 12 | 31 | 15 | 1 | 12 | 30 | 13 | 30 | 12 | 27 | 11 | 23 | 14 | 24 | 15 | 23 | 16 | 22 | 18 | 22 | 17 | 21 | 15 | 20 | 12 | 20 | 8 | 22 | 7 | 20 | 7 | 27 | 5 | 29 | 6 | 11 | 24 |
| 25 | — | 0 | — | 2 | 30 | 4 | 30 | 4 | 30 | 5 | 1 | 4 | 30 | 7 | 32 | 10 | 32 | 10 | 30 | 15 | 29 | 15 | 30 | 16 | 28 | 16 | 27 | 16 | 26 | 15 | 23 | 15 | 22 | 17 | 23 | 18 | 22 | 16 | 26 | 10 | 19 | 9 | 22 | 10 | 22 | 10 | 21 | 6 | 10 | 25 |
| 26 | 22 | 7 | 24 | 9 | 23 | 8 | 25 | 7 | 27 | 7 | 26 | 5 | 21 | 7 | 23 | 7 | 23 | 8 | 23 | 10 | 20 | 11 | 20 | 12 | 19 | 12 | 19 | 11 | 19 | 10 | 16 | 7 | 16 | 7 | 15 | 6 | 11 | 8 | 12 | 10 | 12 | 10 | 9 | 10 | 8 | 26 |
| 27 | 9 | 10 | 7 | 7 | 7 | 5 | 7 | 4 | — | 2 | — | 2 | — | 3 | 18 | 7 | 17 | 9 | 16 | 12 | 16 | 12 | 15 | 13 | 15 | 11 | 15 | 11 | 15 | 12 | 15 | 13 | 15 | 7 | 15 | 5 | 15 | 6 | 15 | 6 | 15 | 8 | 15 | 6 | 15 | 7 | 8 | 27 |
| 28 | 15 | 7 | 14 | 12 | 15 | 10 | 17 | 12 | 17 | 7 | 17 | 6 | 17 | 5 | 17 | 5 | 19 | 10 | 18 | 12 | 17 | 12 | 17 | 13 | 17 | 14 | 17 | 12 | 18 | 15 | 19 | 15 | 21 | 15 | 20 | 14 | 20 | 12 | 21 | 11 | 21 | 11 | 21 | 10 | 22 | 9 | 21 | 10 | 11 | 28 |
| 29 | 22 | 10 | 21 | 8 | 21 | 8 | 20 | 7 | 17 | 4 | 18 | 7 | 17 | 4 | 16 | 6 | 15 | 7 | 15 | 7 | 16 | 9 | 15 | 8 | 15 | 9 | 17 | 10 | 17 | 10 | 16 | 10 | 16 | 10 | 15 | 10 | 15 | 11 | 15 | 11 | 15 | 10 | 15 | 12 | 15 | 14 | 9 | 29 |
| 30 | 16 | 12 | 17 | 13 | 17 | 16 | 17 | 15 | 18 | 12 | 17 | 10 | 18 | 13 | 19 | 12 | 19 | 12 | 19 | 12 | 19 | 12 | 19 | 12 | 18 | 11 | 18 | 8 | 19 | 10 | 20 | 11 | 20 | 9 | 14 | 4 | 13 | 4 | 18 | 6 | 19 | 4 | — | 3 | — | 3 | 14 | 4 | — | 3 | 9 | 30 |
| Mean ... | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 9 | — | 10 | — | 10 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 12 | — | 11 | — | 10 | — | 9 | — | 8 | — | 8 | — | 7 | — | 8 | 9 | |
| Mean,* 1881–1905. | — | 9·1 | — | 9·2 | — | 9·3 | — | 9·2 | — | 9·0 | — | 8·9 | — | 9·4 | — | 10·5 | — | 11·5 | — | 12·2 | — | 13·1 | — | 12·3 | — | 13·1 | — | 13·0 | — | 12·9 | — | 12·6 | — | 12·1 | — | 11·2 | — | 9·9 | — | 9·4 | — | 9·3 | — | 9·2 | — | 9·2 | — | 9·2 | 10·6 | Mean,* 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1885 being omitted.

## FALMOUTH. TABLE IV.—Rainfall in Hundredths of English Inches. APRIL, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 2 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 05 | 01 | — | — | — | — | — | 07 |
| 3 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 02 |
| 4 | — | — | — | — | 01 | 10 | 02 | 01 | 05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 19 |
| 5 | — | — | — | — | — | 05 | — | — | — | — | — | 02 | 01 | — | — | 01 | — | — | — | — | — | — | — | — | 09 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 11 | 03 | 01 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 01 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 21 | — | — | 06 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | 09 |
| 22 | — | — | 02 | — | — | — | — | — | 06 | 01 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | 11 |
| 23 | — | — | — | — | — | — | 08 | 01 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 10 |
| 24 | — | — | — | — | — | — | 05 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 |
| 25 | — | — | — | — | — | — | 04 | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 02 | 02 | — | — | 10 |
| 26 | — | 01 | — | 01 | — | — | — | — | — | — | — | — | 09 | 06 | 01 | — | — | — | — | 01 | 03 | 03 | 01 | 01 | 11 |
| 27 | 02 | 01 | 08 | 03 | 04 | — | — | 01 | — | — | — | — | — | 11 | — | — | — | — | — | — | 01 | 01 | 01 | — | 28 |
| 28 | 05 | 06 | 06 | 08 | 04 | 01 | — | — | — | — | — | — | — | — | 01 | 02 | — | — | — | 04 | 01 | 05 | 10 | 11 | 41 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 35 |
| 30 | 04 | 01 | 13 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 20 |
| Sum ... | 14 | 11 | 37 | 15 | 09 | 16 | 21 | 06 | 12 | 01 | 01 | 05 | 10 | 18 | 03 | 03 | — | 05 | 03 | 07 | 08 | 12 | 12 | 14 | 2·43 |
| Average 1871–1905. | ·148 | ·130 | ·134 | ·138 | ·141 | ·155 | ·157 | ·165 | ·120 | ·112 | ·079 | ·118 | ·112 | ·101 | ·083 | ·092 | ·099 | ·114 | ·102 | ·111 | ·102 | ·111 | ·096 | ·117 | 2·839 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## FALMOUTH. TABLE V.—Duration of Bright Sunshine in Hours. APRIL, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | ·2 | ·3 | — | — | — | — | 0·5 | Dull to cloudy ; ●° mid-day. |
| 2 | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | — | 0·2 | Dull day, with ● about 18h., clearing in |
| 3 | — | — | — | — | ·5 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | 8·6 | Fine day. [evening. |
| 4 | — | — | ·1 | ·5 | ·8 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | ·5 | 1·0 | ·5 | — | — | — | 8·4 | ● and ▲ early, then fine. |
| 5 | — | — | — | ·8 | ·9 | 1·0 | ·9 | ·8 | ·8 | ·9 | ·7 | ·1 | ·7 | ·6 | — | — | — | 8·2 | ▲ showers and fresh wind, but generally [fine. |
| 6 | — | — | ·1 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | ·7 | ·8 | 1·0 | 1·0 | 1·0 | ·1 | — | — | 10·5 | Fine and bright. |
| 7 | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | 11·7 | Bright cloudless day. |
| 8 | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | — | 10·6 | Fine all day. |
| 9 | — | — | — | — | — | ·2 | ·4 | — | ·1 | ·3 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | 4·8 | Cloudy to bright day, overcast evening. |
| 10 | — | — | ·8 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | — | 9·2 | Bright to overcast and ●°. |
| 11 | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·7 | ·1 | — | — | — | 9·9 | ● early, then fine ; ☌. |
| 12 | — | — | — | — | ·5 | ·2 | ·4 | ·8 | ·5 | ·5 | ·7 | 1·0 | ·4 | — | ·1 | — | — | 5·1 | Sunshine and cloud intermittent ; fine. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 14 | — | — | — | — | ·3 | ·1 | ·8 | — | ·4 | — | ·2 | — | — | ·1 | — | — | — | 1·9 | Cloudy day, with cold N.Ely. wind. |
| 15 | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·4 | ·8 | ·2 | — | — | — | — | 8·7 | Fine to fair. |
| 16 | — | — | — | ·5 | ·8 | ·9 | ·9 | ·8 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | 10·5 | Very fine day. |
| 17 | — | — | — | ·3 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | 10·5 | Very fine all day. |
| 18 | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·6 | ·8 | — | — | — | ·1 | ·1 | — | — | 6·5 | Bright to dull, finer in evening. |
| 19 | — | — | — | — | ·4 | ·3 | — | — | ·4 | ·6 | ·1 | ·7 | 1·0 | ·7 | ·5 | — | — | 4·7 | Cold day ; Nly. wind and intermittent |
| 20 | — | ·1 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | 1·0 | ·9 | 1·0 | ·8 | 1·0 | ·4 | — | — | 11·6 | Fine day, with cold Nly. wind. [sunshine. |
| 21 | — | — | — | — | — | — | ·2 | ·1 | — | ·2 | ·2 | ·4 | ·5 | — | — | — | — | 1·6 | Overcast to fair ; ●. |
| 22 | — | — | — | — | — | — | — | — | ·2 | ·5 | ·6 | ·9 | ·9 | ·6 | ·3 | — | — | 4·0 | A.M. cloudy, with ● ; P.M. fair to fine. |
| 23 | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | — | — | 0·1 | ●° at 7h. ; overcast all day. |
| 24 | — | — | ·3 | 1·0 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | 11·7 | ▲ 7h. to 8h. ; fine day, with cold wind. |
| 25 | — | — | ·8 | 1·0 | ·8 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·3 | — | ·3 | — | — | 9·7 | Fine day, but ▲ and ✳° early and late. |
| 26 | — | — | ·9 | 1·0 | ·7 | ·6 | ·7 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | — | 7·4 | Fine till afternoon, then overcast and ●. |
| 27 | — | — | — | — | — | ·1 | ·2 | — | — | — | — | — | — | — | — | — | — | 0·3 | Overcast day with ●. |
| 28 | — | — | — | — | ·8 | 1·0 | 1·0 | ·7 | 1·0 | ·5 | ·1 | ·3 | ·3 | 1·0 | ·4 | — | — | 7·1 | ● early and at 14h. otherwise fine. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● P.M. |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● till 4h. ; dull all day. |
| | — | 0·1 | 4·9 | 12·0 | 16·0 | 17·0 | 17·9 | 17·0 | 17·7 | 17·5 | 15·4 | 16·1 | 15·0 | 12·7 | 4·7 | — | — | 184·0 | Total. |
| | — | 0·16 | 4·91 | 11·44 | 13·62 | 15·01 | 15·80 | 16·09 | 16·07 | 16·22 | 16·17 | 15·92 | 15·32 | 13·32 | 6·38 | 0·21 | — | 176·64 | Mean Total, 1881–1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. APRIL, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 44·2 | 43·3 | 42·9 | 43·4 | 44·2 | 44·8 | 45·0 | 45·0 | 46·3 | 47·7 | 47·7 | 47·4 | 47·7 | 49·1 | 49·7 | 51·5 | 52·3 | 52·0 | 51·7 | 50·0 | 50·3 | 49·0 | 49·0 | 49·0 | 49·2 | 47·7 |
| 2 | 49·2 | 49·1 | 49·0 | 48·9 | 48·3 | 48·0 | 48·2 | 49·0 | 49·0 | 51·0 | 52·7 | 52·2 | 51·3 | 51·9 | 52·5 | 52·0 | 51·3 | 51·0 | 50·0 | 48·0 | 47·0 | 46·8 | 46·0 | 46·0 | 45·3 | 49·4 |
| 3 | 45·3 | 45·0 | 44·2 | 44·5 | 44·2 | 44·0 | 43·8 | 44·9 | 47·1 | 48·7 | 49·0 | 49·7 | 50·0 | 50·8 | 49·0 | 50·0 | 49·4 | 47·8 | 47·3 | 46·0 | 45·4 | 46·0 | 44·3 | 45·0 | 44·2 | 46·7 |
| 4 | 44·2 | 44·0 | 43·7 | 44·0 | 44·0 | 44·2 | 42·2 | 43·3 | 44·8 | 42·1 | 45·9 | 46·3 | 47·0 | 47·3 | 47·1 | 46·4 | 47·3 | 47·3 | 44·7 | 44·9 | 44·2 | 44·1 | 44·0 | 43·0 | 43·3 | 44·8 |
| 5 | 43·3 | 42·6 | 41·8 | 42·0 | 42·1 | 42·2 | 42·0 | 41·0 | 43·2 | 43·0 | 44·4 | 44·9 | 44·6 | 44·3 | 43·7 | 45·0 | 44·9 | 45·0 | 44·3 | 43·7 | 43·1 | 43·0 | 43·1 | 43·0 | 42·7 | 43·4 |
| 6 | 42·7 | 42·0 | 41·3 | 41·0 | 40·3 | 40·9 | 40·0 | 41·0 | 43·1 | 45·0 | 45·7 | 47·1 | 48·2 | 49·0 | 48·1 | 48·9 | 48·8 | 48·0 | 47·0 | 45·0 | 43·7 | 44·0 | 42·8 | 42·6 | 41·7 | 44·4 |
| 7 | 41·7 | 41·1 | 39·0 | 38·0 | 38·0 | 37·5 | 37·8 | 38·7 | 40·1 | 43·1 | 45·2 | 46·9 | 47·3 | 47·6 | 47·9 | 49·2 | 48·3 | 47·3 | 47·0 | 45·0 | 44·0 | 43·3 | 43·2 | 43·0 | 42·3 | 43·4 |
| 8 | 42·3 | 41·8 | 40·9 | 41·0 | 40·1 | 40·6 | 40·9 | 41·6 | 43·3 | 46·7 | 48·4 | 49·9 | 51·1 | 51·7 | 51·8 | 51·0 | 50·3 | 50·2 | 47·8 | 45·1 | 43·2 | 42·2 | 42·0 | 41·1 | 40·3 | 45·2 |
| 9 | 40·3 | 40·1 | 39·4 | 41·0 | 42·5 | 43·4 | 43·8 | 44·2 | 45·1 | 46·1 | 48·0 | 51·0 | 51·2 | 51·8 | 53·2 | 52·3 | 52·0 | 51·0 | 49·1 | 48·3 | 48·3 | 48·0 | 47·0 | 46·7 | 46·4 | 47·0 |
| 10 | 46·4 | 46·1 | 45·8 | 44·3 | 42·6 | 41·9 | 42·0 | 43·5 | 44·3 | 46·7 | 47·3 | 49·0 | 50·4 | 51·0 | 52·0 | 51·9 | 52·2 | 49·1 | 47·7 | 46·9 | 46·1 | 46·3 | 45·4 | 45·9 | 45·8 | 46·9 |
| 11 | 45·8 | 44·8 | 44·1 | 44·0 | 43·8 | 43·8 | 43·4 | 44·2 | 46·1 | 47·6 | 47·3 | 48·8 | 49·1 | 49·3 | 50·3 | 49·1 | 49·0 | 48·1 | 47·9 | 45·7 | 44·1 | 42·9 | 42·0 | 41·9 | 41·2 | 45·9 |
| 12 | 41·2 | 41·0 | 41·1 | 40·4 | 40·8 | 40·7 | 41·3 | 42·2 | 43·0 | 46·2 | 47·0 | 49·2 | 51·6 | 51·0 | 51·1 | 52·0 | 52·1 | 50·3 | 49·3 | 48·2 | 45·3 | 44·8 | 43·7 | 44·0 | 44·3 | 45·8 |
| 13 | 44·3 | 44·7 | 44·1 | 43·5 | 42·9 | 42·7 | 42·8 | 42·9 | 45·0 | 46·0 | 47·2 | 46·8 | 46·2 | 46·0 | 45·7 | 46·0 | 45·8 | 45·8 | 45·3 | 44·9 | 44·3 | 44·5 | 43·3 | 42·0 | 40·2 | 44·7 |
| 14 | 40·2 | 39·7 | 41·6 | 41·2 | 41·0 | 41·3 | 41·1 | 41·6 | 43·0 | 43·4 | 44·4 | 44·3 | 45·1 | 45·0 | 44·6 | 45·1 | 45·2 | 46·1 | 46·1 | 45·1 | 44·1 | 44·0 | 43·0 | 42·0 | 40·5 | 43·2 |
| 15 | 40·5 | 39·0 | 38·8 | 38·3 | 37·9 | 37·5 | 35·3 | 37·2 | 40·6 | 43·0 | 44·9 | 45·9 | 45·1 | 46·8 | 46·3 | 46·3 | 46·8 | 46·9 | 46·4 | 45·0 | 43·7 | 43·0 | 42·8 | 43·0 | 43·9 | 42·6 |
| 16 | 43·9 | 44·8 | 44·7 | 44·1 | 44·0 | 45·0 | 46·0 | 47·0 | 49·0 | 51·2 | 52·8 | 54·1 | 55·1 | 56·3 | 57·1 | 57·5 | 57·6 | 57·1 | 57·6 | 55·9 | 53·6 | 51·1 | 49·0 | 47·1 | 46·0 | 50·9 |
| 17 | 46·0 | 45·8 | 45·1 | 41·0 | 40·6 | 41·8 | 43·0 | 44·0 | 45·3 | 47·7 | 49·2 | 50·0 | 51·5 | 52·6 | 52·2 | 53·2 | 53·7 | 54·0 | 53·1 | 52·7 | 49·5 | 47·7 | 47·1 | 43·7 | 43·1 | 47·9 |
| 18 | 43·1 | 42·7 | 41·7 | 42·6 | 41·2 | 41·3 | 42·0 | 44·2 | 46·0 | 47·0 | 49·4 | 51·6 | 53·0 | 53·0 | 51·0 | 50·0 | 50·0 | 50·0 | 49·0 | 47·2 | 47·0 | 45·0 | 42·2 | 41·3 | 42·7 | 46·3 |
| 19 | 42·7 | 41·2 | 40·0 | 38·0 | 37·0 | 36·1 | 35·4 | 38·7 | 40·9 | 45·1 | 44·3 | 45·0 | 43·7 | 45·7 | 44·0 | 43·4 | 44·3 | 44·0 | 43·8 | 43·0 | 42·3 | 42·9 | 42·0 | 41·0 | 40·9 | 41·8 |
| 20 | 40·9 | 39·2 | 39·1 | 40·8 | 40·3 | 40·7 | 41·1 | 42·0 | 43·1 | 44·0 | 44·0 | 44·1 | 44·0 | 46·0 | 45·3 | 45·2 | 44·6 | 44·4 | 44·0 | 42·9 | 41·3 | 40·2 | 40·0 | 41·1 | 42·1 | 42·5 |
| 21 | 42·1 | 42·8 | 42·7 | 42·3 | 42·6 | 43·2 | 43·2 | 45·0 | 45·1 | 46·2 | 47·4 | 46·0 | 47·8 | 48·8 | 48·2 | 45·9 | 48·4 | 49·0 | 47·2 | 46·1 | 45·2 | 45·7 | 44·1 | 44·1 | 44·1 | 45·4 |
| 22 | 44·1 | 44·7 | 45·0 | 44·0 | 44·2 | 44·0 | 44·3 | 46·0 | 47·4 | 46·0 | 45·1 | 48·2 | 46·1 | 50·7 | 51·2 | 50·1 | 50·2 | 49·0 | 47·8 | 45·9 | 44·1 | 43·9 | 42·3 | 41·1 | 41·3 | 46·0 |
| 23 | 41·3 | 41·2 | 41·9 | 42·3 | 41·0 | 42·7 | 42·0 | 42·5 | 44·0 | 45·8 | 46·8 | 46·1 | 46·0 | 46·5 | 45·6 | 44·9 | 44·0 | 43·0 | 42·2 | 41·0 | 40·5 | 39·0 | 37·9 | 38·6 | 37·4 | 42·7 |
| 24 | 37·4 | 36·2 | 36·3 | 34·8 | 33·2 | 32·5 | 34·0 | 35·2 | 36·9 | 35·3 | 37·4 | 39·6 | 40·0 | 42·8 | 41·8 | 43·1 | 42·5 | 42·0 | 40·8 | 39·0 | 37·0 | 35·2 | 35·2 | 35·2 | 35·7 | 37·6 |
| 25 | 35·7 | 33·8 | 33·1 | 32·7 | 32·4 | 33·7 | 33·5 | 35·1 | 35·9 | 33·4 | 39·2 | 41·0 | 41·3 | 42·9 | 44·6 | 44·8 | 44·6 | 43·1 | 42·2 | 40·3 | 35·3 | 35·5 | 37·6 | 38·2 | 36·3 | 37·9 |
| 26 | 36·3 | 37·0 | 36·9 | 38·0 | 38·0 | 36·1 | 36·8 | 40·0 | 43·0 | 45·2 | 46·0 | 48·2 | 48·2 | 49·7 | 50·0 | 49·6 | 49·0 | 48·3 | 47·0 | 45·6 | 45·0 | 44·6 | 44·1 | 44·9 | 44·3 | 43·9 |
| 27 | 44·3 | 45·3 | 45·5 | 46·2 | 46·9 | 47·7 | 47·9 | 48·9 | 50·0 | 51·0 | 53·8 | 55·3 | 54·8 | 51·7 | 50·7 | 51·0 | 51·6 | 51·7 | 51·0 | 50·2 | 49·8 | 49·9 | 49·7 | 49·3 | 49·2 | 49·9 |
| 28 | 49·2 | 49·3 | 49·5 | 50·0 | 50·3 | 49·0 | 48·8 | 49·0 | 49·9 | 53·1 | 54·1 | 55·9 | 57·3 | 57·2 | 53·5 | 53·7 | 54·0 | 54·2 | 52·7 | 51·2 | 49·9 | 49·0 | 48·2 | 48·2 | 48·3 | 51·5 |
| 29 | 48·3 | 48·3 | 47·5 | 48·3 | 48·3 | 48·6 | 48·1 | 50·0 | 51·1 | 53·3 | 52·8 | 55·7 | 56·6 | 56·9 | 55·2 | 54·2 | 53·0 | 52·3 | 51·7 | 51·1 | 50·7 | 50·4 | 50·3 | 50·3 | 50·1 | 51·4 |
| 30 | 50·1 | 50·4 | 50·8 | 50·8 | 50·9 | 51·1 | 51·4 | 52·0 | 52·3 | 54·1 | 55·3 | 57·0 | 58·4 | 60·0 | 60·9 | 58·3 | 57·7 | 58·7 | 55·3 | 55·2 | 54·4 | 53·0 | 52·7 | 52·2 | 51·2 | 54·3 |
| Mean ... | 43·2 | 42·9 | 42·6 | 42·4 | 42·1 | 42·2 | 42·2 | 43·3 | 44·8 | 46·2 | 47·5 | 48·6 | 49·0 | 49·8 | 49·5 | 49·4 | 49·4 | 48·9 | 47·9 | 46·6 | 45·4 | 44·9 | 44·1 | 43·8 | 43·5 | 45·7 |
| Mean, 1871–1905. | 45·7 | 45·6 | 45·3 | 45·2 | 44·9 | 44·9 | 44·8 | 45·9 | 47·3 | 48·6 | 49·4 | 50·3 | 50·6 | 51·0 | 51·0 | 50·9 | 50·5 | 50·0 | 49·1 | 48·0 | 47·1 | 46·7 | 46·2 | 46·1 | 45·8 | 47·7 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). APRIL, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 93 | 92 | 92 | 90 | 91 | 89 | 91 | 91 | 90 | 84 | 82 | 91 | 94 | 93 | 94 | 92 | 87 | 88 | 88 | 87 | 90 | 94 | 97 | 95 | 93 | 90·7 |
| 2 | 93 | 94 | 93 | 93 | 96 | 97 | 98 | 94 | 97 | 89 | 77 | 81 | 86 | 78 | 84 | 82 | 86 | 88 | 93 | 93 | 88 | 86 | 91 | 91 | 89 | 89·4 |
| 3 | 89 | 90 | 86 | 87 | 81 | 81 | 79 | 81 | 78 | 77 | 79 | 74 | 69 | 69 | 67 | 68 | 71 | 74 | 73 | 80 | 83 | 79 | 76 | 72 | 74 | 77·3 |
| 4 | 74 | 73 | 74 | 72 | 73 | 76 | 87 | 82 | 75 | 84 | 73 | 72 | 69 | 71 | 72 | 75 | 71 | 72 | 74 | 78 | 77 | 72 | 72 | 72 | 69 | 74·5 |
| 5 | 69 | 72 | 77 | 74 | 67 | 72 | 80 | 84 | 72 | 71 | 68 | 66 | 72 | 79 | 81 | 74 | 72 | 73 | 75 | 75 | 77 | 78 | 78 | 79 | 80 | 74·6 |
| 6 | 80 | 84 | 84 | 85 | 88 | 81 | 82 | 78 | 74 | 67 | 68 | 65 | 63 | 67 | 68 | 66 | 67 | 67 | 67 | 79 | 81 | 80 | 82 | 83 | 82 | 75·3 |
| 7 | 82 | 81 | 86 | 85 | 84 | 85 | 81 | 79 | 75 | 73 | 66 | 64 | 68 | 65 | 67 | 67 | 61 | 64 | 69 | 77 | 77 | 82 | 85 | 86 | 90 | 75·8 |
| 8 | 90 | 88 | 92 | 92 | 93 | 94 | 92 | 90 | 86 | 76 | 78 | 76 | 70 | 70 | 69 | 63 | 63 | 66 | 68 | 83 | 89 | 87 | 93 | 93 | 93 | 81·8 |
| 9 | 93 | 93 | 95 | 93 | 96 | 96 | 96 | 97 | 93 | 93 | 87 | 83 | 85 | 82 | 74 | 74 | 74 | 75 | 80 | 91 | 92 | 91 | 94 | 94 | 93 | 89·0 |
| 10 | 84 | 80 | 80 | 77 | 86 | 88 | 86 | 80 | 76 | 72 | 67 | 63 | 63 | 63 | 64 | 63 | 73 | 74 | 76 | 84 | 91 | 96 | 92 | 90 | 89 | 78·0 |
| 11 | 89 | 86 | 89 | 90 | 86 | 80 | 82 | 83 | 77 | 70 | 72 | 68 | 67 | 66 | 66 | 67 | 68 | 73 | 75 | 82 | 83 | 85 | 87 | 88 | 91 | 78·3 |
| 12 | 91 | 92 | 91 | 92 | 92 | 92 | 91 | 90 | 92 | 86 | 80 | 74 | 76 | 79 | 78 | 73 | 68 | 68 | 73 | 71 | 78 | 79 | 81 | 80 | 81 | 81·8 |
| 13 | 81 | 80 | 80 | 86 | 87 | 89 | 93 | 93 | 91 | 88 | 86 | 87 | 86 | 85 | 81 | 79 | 80 | 79 | 76 | 78 | 81 | 81 | 84 | 86 | 89 | 84·2 |
| 14 | 89 | 86 | 80 | 83 | 81 | 81 | 82 | 80 | 75 | 69 | 63 | 62 | 63 | 66 | 70 | 65 | 63 | 60 | 59 | 61 | 70 | 65 | 69 | 71 | 72 | 71·0 |
| 15 | 72 | 77 | 77 | 76 | 78 | 81 | 81 | 86 | 82 | 72 | 66 | 67 | 67 | 64 | 63 | 66 | 66 | 62 | 63 | 64 | 74 | 75 | 79 | 78 | 76 | 74·2 |
| 16 | 74 | 73 | 75 | 82 | 83 | 85 | 84 | 82 | 77 | 75 | 70 | 70 | 64 | 63 | 61 | 62 | 60 | 59 | 55 | 54 | 53 | 58 | 67 | 61 | 60 | 57 | 68·0 |
| 17 | 57 | 58 | 58 | 68 | 69 | 68 | 67 | 66 | 66 | 65 | 66 | 64 | 57 | 63 | 67 | 57 | 53 | 58 | 63 | 60 | 66 | 68 | 67 | 68 | 79 | 64·1 |
| 18 | 79 | 84 | 87 | 83 | 85 | 88 | 91 | 93 | 75 | 85 | 75 | 73 | 67 | 73 | 75 | 74 | 68 | 63 | 58 | 65 | 66 | 68 | 73 | 80 | 84 | 70 | 76·8 |
| 19 | 70 | 73 | 71 | 75 | 77 | 79 | 79 | 73 | 70 | 61 | 59 | 66 | 67 | 66 | 65 | 63 | 64 | 58 | 65 | 70 | 71 | 66 | 72 | 73 | 73 | 69·8 |
| 20 | 73 | 76 | 77 | 73 | 76 | 72 | 70 | 65 | 59 | 59 | 58 | 56 | 56 | 51 | 54 | 55 | 57 | 56 | 56 | 61 | 69 | 74 | 76 | 76 | 74 | 64·8 |
| 21 | 74 | 75 | 80 | 90 | 87 | 85 | 85 | 80 | 80 | 80 | 73 | 76 | 68 | 68 | 69 | 79 | 73 | 69 | 76 | 80 | 85 | 87 | 93 | 93 | 92 | 79·8 |
| 22 | 92 | 91 | 90 | 91 | 93 | 93 | 94 | 93 | 86 | 85 | 82 | 91 | 78 | 85 | 69 | 69 | 74 | 73 | 73 | 79 | 80 | 84 | 84 | 89 | 91 | 92 | 84·3 |
| 23 | 92 | 93 | 93 | 93 | 94 | 91 | 88 | 89 | 86 | 80 | 76 | 84 | 77 | 71 | 71 | 71 | 73 | 77 | 83 | 78 | 77 | 91 | 93 | 93 | 94 | 91 | 81·5 |
| 24 | 66 | 62 | 64 | 82 | 89 | 94 | 80 | 72 | 54 | 70 | 59 | 52 | 57 | 55 | 57 | 58 | 57 | 59 | 58 | 62 | 62 | 70 | 70 | 71 | 85 | 66·2 |
| 25 | 85 | 94 | 95 | 89 | 88 | 80 | 84 | 72 | 69 | 85 | 61 | 54 | 55 | 56 | 57 | 57 | 52 | 58 | 65 | 69 | 91 | 95 | 86 | 82 | 92 | 74·3 |
| 26 | 92 | 83 | 84 | 76 | 76 | 86 | 85 | 76 | 69 | 71 | 62 | 66 | 61 | 59 | 60 | 60 | 68 | 70 | 73 | 75 | 80 | 88 | 92 | 93 | 98 | 75·3 |
| 27 | 98 | 97 | 97 | 99 | 96 | 96 | 97 | 95 | 96 | 95 | 91 | 86 | 88 | 94 | 95 | 94 | 91 | 89 | 93 | 93 | 93 | 93 | 94 | 97 | 95 | 94·0 |
| 28 | 95 | 95 | 95 | 95 | 97 | 97 | 95 | 96 | 94 | 90 | 89 | 87 | 86 | 87 | 88 | 91 | 93 | 94 | 94 | 93 | 94 | 94 | 94 | 94 | 95 | 89·8 |
| 29 | 95 | 95 | 96 | 97 | 98 | 96 | 98 | 93 | 93 | 91 | 80 | 87 | 85 | 87 | 88 | 91 | 93 | 94 | 94 | 93 | 94 | 94 | 94 | 97 | 98 | 93·1 |
| 30 | 98 | 97 | 95 | 95 | 95 | 94 | 96 | 94 | 95 | 91 | 86 | 83 | 85 | 82 | 79 | 83 | 85 | 84 | 87 | 90 | 91 | 91 | 92 | 93 | 94 | 90·0 |
| Mean ... | 83·6 | 83·8 | 84·4 | 85·4 | 86·1 | 86·2 | 86·6 | 84·0 | 80·0 | 77·7 | 73·6 | 72·2 | 71·6 | 71·0 | 72·0 | 72·1 | 70·7 | 71·5 | 73·8 | 77·2 | 80·1 | 81·6 | 83·1 | 83·8 | 83·7 | 78·8 |
| Mean, 1886–1905. | 84·7 | 85·0 | 85·3 | 85·8 | 85·9 | 85·9 | 85·8 | 83·9 | 80·8 | 77·6 | 75·3 | 73·9 | 72·9 | 72·5 | 72·4 | 72·8 | 73·3 | 74·4 | 76·1 | 79·8 | 82·4 | 83·3 | 84·2 | 84·3 | 84·5 | 79·9 |

[*Price Sixpence.*]

# KEW OBSERVATORY. APRIL, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

KEW. DAILY EXTREMES OF PRESSURE AND TEMPERATURE. APRIL, 1908.

| Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·028 | 9·776 | 51·5 | 36·8 | 9 | 0·116 | 9·929 | 58·5 | **28·0** | 17 | 0·242 | 9·995 | 54·7 | 38·6 | 25 | 9·478 | **9·248** | 44·8 | 33·3 |
| 2 | 0·027 | 9·879 | 58·2 | 44·2 | 10 | 9·941 | 9·876 | 48·6 | 43·0 | 18 | 9·995 | 9·841 | 49·0 | 38·0 | 26 | 9·722 | 9·449 | 50·1 | 33·7 |
| 3 | 9·901 | 9·813 | 53·3 | 42·6 | 11 | 9·886 | 9·806 | 46·7 | 42·2 | 19 | 9·845 | 9·632 | 45·0 | 34·0 | 27 | 9·783 | 9·712 | 51·2 | 37·4 |
| 4 | 9·904 | 9·822 | 51·0 | 39·4 | 12 | 0·138 | 9·886 | 51·8 | 39·8 | 20 | 9·887 | 9·664 | 44·0 | 33·4 | 28 | 9·763 | 9·616 | 48·4 | 43·9 |
| 5 | 0·083 | 9·850 | 46·2 | 40·0 | 13 | 0·168 | 0·100 | 46·7 | 36·5 | 21 | 9·876 | 9·766 | 49·8 | 32·1 | 29 | 0·160 | 9·750 | **62·4** | 45·0 |
| 6 | **0·358** | 0·083 | 49·0 | 39·8 | 14 | 0·178 | 0·133 | 47·3 | 35·4 | 22 | 9·788 | 9·599 | 52·6 | 40·4 | 30 | 0·196 | 0·137 | 58·6 | 48·9 |
| 7 | 0·339 | 0·253 | 52·4 | 37·1 | 15 | 0·189 | 0·102 | 54·9 | 37·2 | 23 | 9·660 | 9·393 | 44·0 | 33·0 | | | | | |
| 8 | 0·286 | 0·100 | 55·4 | 33·8 | 16 | 0·248 | 0·122 | 57·7 | 40·1 | 24 | 9·485 | 9·353 | 42·3 | 31·9 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 50·9 | 38·0 |

## TABLE II.

KEW. PRESSURE IN ENGLISH INCHES, First figure omitted. APRIL, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·778 | 9·780 | 9·791 | 9·799 | 9·807 | 9·830 | 9·854 | 9·878 | 9·886 | 9·900 | 9·926 | 9·938 | 9·945 | 9·951 | 9·955 | 9·959 | 9·961 | 9·954 | 9·983 | 9·995 | 0·010 | 0·020 | 0·023 | 0·021 | 0·019 | 9·920 |
| 2 | 0·010 | 0·024 | 0·014 | 0·002 | 9·998 | 9·996 | 9·994 | 0·000 | 0·003 | 0·005 | 0·011 | 0·000 | 9·981 | 9·966 | 9·954 | 9·945 | 9·926 | 9·922 | 9·914 | 9·910 | 9·908 | 9·892 | 9·883 | 9·885 | 9·888 | 9·962 |
| 3 | 9·888 | 9·883 | 9·874 | 9·868 | 9·872 | 9·870 | 9·872 | 9·868 | 9·864 | 9·850 | 9·857 | 9·849 | 9·833 | 9·815 | 9·819 | 9·817 | 9·832 | 9·845 | 9·861 | 9·873 | 9·885 | 9·889 | 9·894 | 9·895 | 9·899 | 9·862 |
| 4 | 9·899 | 9·898 | 9·877 | 9·873 | 9·871 | 9·869 | 9·877 | 9·877 | 9·873 | 9·869 | 9·880 | 9·874 | 9·864 | 9·854 | 9·839 | 9·829 | 9·822 | 9·847 | 9·878 | 9·888 | 9·902 | 9·898 | 9·887 | 9·879 | 9·872 | 9·871 |
| 5 | 9·872 | 9·864 | 9·852 | 9·852 | 9·854 | 9·856 | 9·868 | 9·872 | 9·873 | 9·874 | 9·873 | 9·872 | 9·880 | 9·877 | 9·876 | 9·884 | 9·898 | 9·918 | 9·946 | 9·981 | 0·016 | 0·030 | 0·061 | 0·072 | 0·083 | 9·914 |
| 6 | 0·083 | 0·091 | 0·105 | 0·113 | 0·127 | 0·134 | 0·162 | 0·189 | 0·204 | 0·212 | 0·210 | 0·214 | 0·215 | 0·223 | 0·223 | 0·223 | 0·239 | 0·260 | 0·289 | 0·310 | 0·331 | 0·343 | 0·356 | 0·351 | 0·339 | 0·222 |
| 7 | 0·339 | 0·333 | 0·329 | 0·331 | 0·339 | 0·327 | 0·331 | 0·332 | 0·333 | 0·327 | 0·328 | 0·313 | 0·301 | 0·266 | 0·284 | 0·267 | 0·257 | 0·253 | 0·260 | 0·278 | 0·292 | 0·286 | 0·286 | 0·287 | 0·284 | 0·303 |
| 8 | 0·284 | 0·270 | 0·256 | 0·250 | 0·241 | 0·234 | 0·237 | 0·238 | 0·234 | 0·226 | 0·210 | 0·197 | 0·178 | 0·163 | 0·144 | 0·127 | 0·112 | 0·102 | 0·100 | 0·111 | 0·120 | 0·121 | 0·120 | 0·120 | 0·114 | 0·180 |
| 9 | 0·114 | 0·109 | 0·095 | 0·088 | 0·083 | 0·073 | 0·069 | 0·069 | 0·068 | 0·064 | 0·055 | 0·038 | 0·018 | 9·999 | 9·985 | 9·961 | 9·950 | 9·941 | 9·937 | 9·937 | 9·934 | 9·934 | 9·938 | 9·936 | 9·937 | 0·013 |
| 10 | 9·937 | 9·937 | 9·926 | 9·921 | 9·915 | 9·913 | 9·918 | 9·921 | 9·920 | 9·925 | 9·936 | 9·939 | 9·932 | 9·926 | 9·917 | 9·911 | 9·905 | 9·901 | 9·895 | 9·897 | 9·898 | 9·897 | 9·890 | 9·881 | 9·876 | 9·914 |
| 11 | 9·876 | 9·855 | 9·840 | 9·827 | 9·823 | 9·818 | 9·813 | 9·813 | 9·821 | 9·814 | 9·814 | 9·814 | 9·814 | 9·813 | 9·812 | 9·806 | 9·809 | 9·814 | 9·821 | 9·836 | 9·854 | 9·865 | 9·875 | 9·880 | 9·886 | 9·831 |
| 12 | 9·886 | 9·891 | 9·894 | 9·901 | 9·910 | 9·924 | 9·940 | 9·946 | 9·958 | 9·966 | 9·979 | 9·989 | 0·000 | 0·007 | 0·005 | 0·007 | 0·018 | 0·026 | 0·042 | 0·062 | 0·088 | 0·110 | 0·130 | 0·136 | 0·136 | 9·998 |
| 13 | 0·136 | 0·138 | 0·134 | 0·130 | 0·134 | 0·137 | 0·142 | 0·148 | 0·148 | 0·141 | 0·136 | 0·127 | 0·116 | 0·112 | 0·106 | 0·102 | 0·105 | 0·112 | 0·126 | 0·137 | 0·148 | 0·157 | 0·163 | 0·164 | 0·168 | 0·134 |
| 14 | 0·168 | 0·166 | 0·160 | 0·156 | 0·156 | 0·159 | 0·168 | 0·176 | 0·174 | 0·172 | 0·163 | 0·160 | 0·157 | 0·154 | 0·144 | 0·135 | 0·138 | 0·140 | 0·152 | 0·161 | 0·163 | 0·172 | 0·178 | 0·174 | 0·174 | 0·160 |
| 15 | 0·174 | 0·165 | 0·154 | 0·146 | 0·146 | 0·150 | 0·164 | 0·174 | 0·185 | 0·187 | 0·184 | 0·172 | 0·159 | 0·156 | 0·127 | 0·117 | 0·107 | 0·104 | 0·110 | 0·126 | 0·130 | 0·130 | 0·130 | 0·129 | 0·120 | 0·146 |
| 16 | 0·126 | 0·125 | 0·134 | 0·136 | 0·140 | 0·150 | 0·172 | 0·184 | 0·206 | 0·214 | 0·219 | 0·213 | 0·211 | 0·214 | 0·207 | 0·202 | 0·209 | 0·212 | 0·214 | 0·222 | 0·245 | 0·241 | 0·242 | 0·244 | 0·242 | 0·198 |
| 17 | 0·242 | 0·236 | 0·235 | 0·230 | 0·224 | 0·219 | 0·214 | 0·222 | 0·218 | 0·212 | 0·204 | 0·180 | 0·164 | 0·138 | 0·113 | 0·099 | 0·088 | 0·078 | 0·064 | 0·050 | 0·053 | 0·043 | 0·029 | 0·017 | 9·995 | 0·144 |
| 18 | 9·995 | 9·981 | 9·943 | 9·911 | 9·876 | 9·879 | 9·877 | 9·887 | 9·883 | 9·893 | 9·902 | 9·892 | 9·881 | 9·867 | 9·862 | 9·853 | 9·865 | 9·858 | 9·852 | 9·861 | 9·867 | 9·862 | 9·863 | 9·855 | 9·843 | 9·883 |
| 19 | 9·843 | 9·826 | 9·811 | 9·798 | 9·775 | 9·763 | 9·758 | 9·747 | 9·737 | 9·727 | 9·703 | 9·691 | 9·676 | 9·658 | 9·651 | 9·652 | 9·640 | 9·646 | 9·659 | 9·661 | 9·676 | 9·681 | 9·692 | 9·695 | 9·687 | 9·712 |
| 20 | 9·687 | 9·680 | 9·675 | 9·675 | 9·666 | 9·669 | 9·684 | 9·696 | 9·714 | 9·730 | 9·763 | 9·763 | 9·775 | 9·800 | 9·789 | 9·788 | 9·811 | 9·816 | 9·826 | 9·842 | 9·869 | 9·883 | 9·884 | 9·879 | 9·876 | 9·769 |
| 21 | 9·876 | 9·868 | 9·856 | 9·842 | 9·824 | 9·814 | 9·809 | 9·806 | 9·797 | 9·796 | 9·792 | 9·788 | 9·783 | 9·780 | 9·774 | 9·769 | 9·773 | 9·776 | 9·776 | 9·780 | 9·786 | 9·788 | 9·792 | 9·785 | 9·785 | 9·799 |
| 22 | 9·785 | 9·780 | 9·767 | 9·758 | 9·751 | 9·742 | 9·746 | 9·743 | 9·737 | 9·736 | 9·723 | 9·711 | 9·697 | 9·691 | 9·682 | 9·662 | 9·638 | 9·640 | 9·629 | 9·625 | 9·619 | 9·612 | 9·606 | 9·604 | 9·601 | 9·691 |
| 23 | 9·601 | 9·606 | 9·611 | 9·610 | 9·623 | 9·627 | 9·636 | 9·649 | 9·657 | 9·658 | 9·655 | 9·645 | 9·617 | 9·605 | 9·577 | 9·557 | 9·535 | 9·513 | 9·493 | 9·479 | 9·461 | 9·442 | 9·430 | 9·411 | 9·393 | 9·566 |
| 24 | 9·393 | 9·377 | 9·360 | 9·353 | 9·355 | 9·360 | 9·374 | 9·384 | 9·388 | 9·398 | 9·409 | 9·405 | 9·410 | 9·420 | 9·429 | 9·436 | 9·441 | 9·445 | 9·458 | 9·468 | 9·480 | 9·483 | 9·481 | 9·479 | 9·478 | 9·418 |
| 25 | 9·478 | 9·470 | 9·466 | 9·458 | 9·450 | 9·461 | 9·460 | 9·439 | 9·417 | 9·399 | 9·374 | 9·356 | 9·330 | 9·307 | 9·277 | 9·266 | 9·258 | 9·252 | 9·254 | 9·292 | 9·348 | 9·387 | 9·415 | 9·430 | 9·449 | 9·376 |
| 26 | 9·449 | 9·459 | 9·476 | 9·494 | 9·502 | 9·518 | 9·533 | 9·548 | 9·553 | 9·562 | 9·569 | 9·576 | 9·593 | 9·600 | 9·608 | 9·616 | 9·627 | 9·632 | 9·646 | 9·669 | 9·687 | 9·694 | 9·706 | 9·715 | 9·717 | 9·590 |
| 27 | 9·717 | 9·719 | 9·715 | 9·716 | 9·715 | 9·725 | 9·735 | 9·741 | 9·747 | 9·756 | 9·759 | 9·760 | 9·760 | 9·764 | 9·767 | 9·768 | 9·773 | 9·763 | 9·774 | 9·777 | 9·776 | 9·779 | 9·781 | 9·774 | 9·763 | 9·753 |
| 28 | 9·763 | 9·754 | 9·739 | 9·733 | 9·723 | 9·698 | 9·693 | 9

KEW. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 24 | 6 | 25 | 5 | 25 | 7 | 25 | 8 | 25 | 8 | 25 | 8 | 25 | 6 | 25 | 10 | 25 | 11 | 25 | 14 | 26 | 12 | 25 | 14 |
| 2 | 23 | 5 | 23 | 4 | 23 | 6 | 23 | 4 | 23 | 6 | 20 | 6 | 20 | 8 | 22 | 6 | 22 | 8 | 22 | 9 | 24 | 9 | 24 | 13 |
| 3 | 22 | 8 | 22 | 10 | 22 | 10 | 22 | 10 | 22 | 10 | 22 | 9 | 22 | 12 | 22 | 15 | 23 | 16 | 23 | 14 | 23 | 15 | 23 | 15 |
| 4 | 24 | 9 | 25 | 10 | 25 | 9 | 24 | 9 | 20 | 7 | 24 | 8 | 24 | 9 | 25 | 11 | 27 | 15 | 28 | 12 | 28 | 14 | 27 | 13 |
| 5 | 29 | 6 | 29 | 7 | 30 | 7 | 31 | 7 | 32 | 8 | 31 | 10 | 29 | 10 | 29 | 13 | 30 | 13 | 31 | 14 | 32 | 18 | 31 | 15 |
| 6 | 1 | 10 | 1 | 9 | 1 | 11 | 1 | 9 | 2 | 11 | 2 | 14 | 2 | 15 | 2 | 14 | 1 | 18 | 2 | 16 | 1 | 15 | 2 | 16 |
| 7 | 1 | 11 | 1 | 10 | 1 | 10 | 1 | 10 | 1 | 12 | 1 | 10 | 2 | 12 | 2 | 17 | 2 | 19 | 2 | 21 | 1 | 17 | 1 | 20 |
| 8 | 4 | 7 | 2 | 7 | 2 | 8 | 2 | 6 | — | 3 | — | 2 | 2 | 5 | 32 | 10 | 32 | 12 | 1 | 10 | 2 | 10 | 2 | 8 |
| 9 | — | 2 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 3 | 12 | 4 |
| 10 | 1 | 7 | 32 | 7 | 30 | 6 | 30 | 6 | 30 | 4 | — | 2 | — | 2 | 1 | 10 | 32 | 10 | 32 | 12 | 31 | 7 | 32 | 8 |
| 11 | 9 | 5 | 9 | 7 | 6 | 7 | 9 | 6 | 9 | 6 | 9 | 6 | 9 | 5 | 9 | 4 | 9 | 8 | 7 | 7 | 9 | 10 | | |
| 12 | 4 | 6 | 3 | 6 | 3 | 5 | 32 | 6 | 32 | 7 | 32 | 6 | 1 | 7 | 2 | 8 | 32 | 8 | 2 | 10 | 3 | 8 | 8 | 9 |
| 13 | 4 | 7 | 4 | 6 | 4 | 7 | 4 | 6 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 11 | 5 | 12 | 4 | 10 | 4 | 12 | 6 | 9 |
| 14 | 2 | 5 | 2 | 7 | 2 | 5 | 2 | 7 | 2 | 7 | 3 | 9 | 2 | 10 | 3 | 15 | 4 | 17 | 4 | 15 | 2 | 16 | 1 | 13 |
| 15 | 1 | 6 | 1 | 7 | 32 | 7 | 2 | 6 | 1 | 7 | 1 | 6 | 2 | 9 | 3 | 10 | 3 | 11 | 3 | 10 | 4 | 12 | 3 | 13 |
| 16 | 4 | 12 | 5 | 15 | 5 | 15 | 5 | 15 | 4 | 16 | 4 | 15 | 5 | 18 | 4 | 19 | 4 | 23 | 5 | 21 | 5 | 26 | 5 | 25 |
| 17 | 4 | 12 | 3 | 12 | 3 | 15 | 3 | 11 | 3 | 13 | 2 | 14 | 2 | 17 | 2 | 16 | 2 | 13 | 3 | 15 | 3 | 17 | 2 | 15 |
| 18 | — | 3 | — | 2 | — | 2 | — | 3 | 27 | 4 | 1 | 12 | 2 | 18 | 2 | 17 | 2 | 19 | 2 | 16 | 2 | 19 | 2 | 22 |
| 19 | 32 | 8 | 32 | 7 | 31 | 8 | 30 | 11 | 31 | 12 | 30 | 12 | 31 | 14 | 32 | 14 | 31 | 15 | 32 | 16 | 31 | 16 | 30 | 13 |
| 20 | 32 | 10 | 32 | 11 | 31 | 12 | 32 | 13 | 32 | 14 | 32 | 15 | 32 | 16 | 32 | 18 | 32 | 18 | 2 | 18 | 2 | 17 | 1 | 15 |
| 21 | — | 3 | 25 | 4 | 25 | 4 | 25 | 4 | 24 | 6 | 22 | 4 | 22 | 5 | 22 | 4 | 25 | 7 | 26 | 10 | 26 | 9 | 26 | 8 |
| 22 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | 8 | 4 | 8 | 4 | 8 | 4 | 23 | 4 | 24 | 7 | 19 | 7 | 20 | 7 |
| 23 | 24 | 7 | 27 | 7 | 28 | 6 | 30 | 4 | 31 | 6 | — | 3 | — | 3 | — | 3 | 1 | 4 | 1 | 4 | 10 | 6 | 7 | 7 |
| 24 | 32 | 12 | 32 | 9 | 32 | 10 | 32 | 8 | 31 | 8 | 29 | 8 | 29 | 7 | 28 | 10 | 31 | 9 | 29 | 12 | 29 | 10 | 29 | 10 |
| 25 | 17 | 10 | 17 | 10 | 15 | 8 | 16 | 8 | 17 | 10 | — | 3 | 18 | 4 | 6 | 10 | 9 | 15 | 9 | 13 | 11 | 16 | | |
| 26 | 25 | 7 | 23 | 13 | 22 | 12 | 24 | 9 | 21 | 7 | 21 | 10 | 22 | 10 | 22 | 12 | 23 | 15 | 23 | 14 | 24 | 17 | 24 | 15 |
| 27 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 0 | — | 1 | — | 3 | 19 | 5 | 17 | 6 | 17 | 6 | 16 | 6 |
| 28 | 9 | 12 | 9 | 14 | 10 | 13 | 10 | 10 | 8 | 13 | 9 | 15 | 10 | 16 | 8 | 16 | 9 | 21 | 8 | 18 | 8 | 19 | 8 | 18 |
| 29 | — | 2 | 28 | 5 | 25 | 6 | 25 | 4 | 25 | 4 | 25 | 4 | 21 | 5 | 26 | 7 | 28 | 7 | 29 | 5 | 26 | 6 | 27 | 4 |
| 30 | — | 3 | — | 2 | 13 | 4 | — | 2 | — | 2 | 13 | 4 | 14 | 5 | 14 | 6 | 17 | 9 | 17 | 10 | 16 | 11 | 16 | 10 |
| Mean ... | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 9 | — | 11 | — | 12 | — | 12 | — | 12 | — | 12 |
| Mean, 1881–1905. | — | 5·9 | — | 5·9 | — | 5·7 | — | 5·7 | — | 5·6 | — | 6·2 | — | 7·3 | — | 8·5 | — | 9·5 | — | 10·4 | — | 11·3 | — | 11·7 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. APRIL, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 01 | 02 | — | — | — | — | — | 05 |
| 5 | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | 04 | — | 01 | 06 | — | — | — | — | — | — | — | 13 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 06 | 07 |
| 10 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 01 | — | 01 | — | — | — | — | 01 | — | — | 06 |
| 20 | — | — | — | — | — | — | 02 | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | 02 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 02 | 10 | 07 | 06 | 05 | — | — | — | — | — | — | 57 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | 01 | 03 | 01 | 03 | 01 | — | — | — | 01 | — | 03 | — | 01 | — | 03 | 03 | 02 | 03 | 25 |
| 26 | 03 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | 01 | 03 | 01 | 01 | 01 | — | — | — | — | 01 | 08 | 01 | 03 | 20 |
| 28 | — | — | — | — | — | — | — | 01 | — | — | 09 | 14 | 19 | 11 | 03 | 02 | — | — | — | 01 | — | — | — | — | 60 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | 01 | — | 01 | 01 | 03 | 05 | 05 | 04 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 22 |
| Sum ... | 05 | 04 | — | 02 | 01 | 03 | 09 | 09 | 05 | 05 | 10 | 15 | 29 | 21 | 17 | 12 | 16 | 06 | 03 | 01 | 04 | 12 | 06 | 12 | 2·31 |
| Average 1871–1905. | ·062 | ·058 | ·059 | ·066 | ·068 | ·074 | ·075 | ·076 | ·073 | ·082 | ·062 | ·053 | ·072 | ·074 | ·071 | ·079 | ·078 | ·077 | ·060 | ·062 | ·059 | ·062 | ·063 | ·060 | 1·695 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. APRIL, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 26 | 13 | 26 | 15 | 26 | 12 | 25 | 12 | 27 | 10 | 26 | 5 | 23 | 4 | 23 | 5 | 23 | 5 | 23 | 4 | 23 | 4 | 23 | 4 | 8 | 1 |
| 2 | 22 | 16 | 22 | 10 | 21 | 9 | 22 | 10 | 22 | 12 | 21 | 10 | 21 | 10 | 21 | 14 | 20 | 12 | 20 | 13 | 22 | 12 | 23 | 10 | 9 | 2 |
| 3 | 24 | 18 | 24 | 15 | 26 | 21 | 26 | 21 | 27 | 17 | 26 | 16 | 26 | 13 | 26 | 11 | 23 | 11 | 23 | 10 | 23 | 10 | 24 | 11 | 13 | 3 |
| 4 | 28 | 11 | 28 | 14 | 30 | 7 | 31 | 7 | 32 | 12 | 32 | 10 | 31 | 11 | 31 | 7 | 29 | 5 | 29 | 4 | 29 | 6 | 29 | 6 | 9 | 4 |
| 5 | 32 | 14 | 32 | 15 | 1 | 13 | 32 | 12 | 2 | 14 | 1 | 10 | 1 | 12 | 1 | 12 | 2 | 10 | 1 | 14 | 2 | 11 | 1 | 8 | 11 | 5 |
| 6 | 1 | 15 | 1 | 17 | 4 | 18 | 4 | 17 | 2 | 17 | 2 | 18 | 2 | 14 | 2 | 16 | 3 | 12 | 2 | 12 | 2 | 14 | 1 | 10 | 14 | 6 |
| 7 | 3 | 20 | 3 | 18 | 2 | 16 | 2 | 18 | 1 | 16 | 2 | 15 | 2 | 14 | 1 | 13 | 1 | 11 | 1 | 10 | 1 | 7 | 4 | 7 | 14 | 7 |
| 8 | 2 | 10 | 1 | 10 | 1 | 11 | 2 | 11 | 1 | 10 | 10 | 9 | 12 | 5 | 12 | 4 | — | 2 | — | 1 | — | 1 | — | 1 | 7 | 8 |
| 9 | — | 2 | — | 2 | — | 3 | 1 | 4 | 1 | 4 | — | 3 | — | 2 | — | 2 | 1 | 4 | — | 2 | — | 2 | 1 | 4 | 2 | 9 |
| 10 | 30 | 7 | 31 | 7 | 31 | 7 | 32 | 5 | 32 | 5 | 32 | 5 | 3 | 6 | 3 | 4 | 3 | 5 | 3 | 5 | 9 | 5 | 9 | 5 | 6 | 10 |
| 11 | 9 | 10 | 9 | 10 | 9 | 7 | 9 | 8 | 9 | 10 | 9 | 8 | 8 | 8 | 8 | 7 | 8 | 10 | 9 | 4 | 7 | 8 | 3 | 7 | 7 | 11 |
| 12 | 5 | 11 | 1 | 7 | 1 | 7 | 6 | 7 | 7 | 10 | 5 | 8 | 7 | 7 | 5 | 7 | 5 | 13 | 5 | 11 | 4 | 7 | 4 | 7 | 8 | 12 |
| 13 | 5 | 9 | 5 | 10 | 7 | 10 | 10 | 6 | 7 | 8 | 8 | 10 | 8 | 11 | 8 | 10 | 6 | 5 | 3 | 6 | 3 | 6 | 3 | 8 | 8 | 13 |
| 14 | 2 | 14 | 2 | 14 | 3 | 15 | 4 | 15 | 3 | 14 | 3 | 12 | 3 | 10 | 2 | 10 | 2 | 8 | 2 | 9 | 1 | 7 | 1 | 7 | 11 | 14 |
| 15 | 4 | 14 | 1 | 15 | 4 | 15 | 4 | 15 | 4 | 15 | 3 | 17 | 3 | 14 | 2 | 13 | 2 | 10 | 3 | 9 | 3 | 11 | 4 | 14 | 11 | 15 |
| 16 | 5 | 26 | 5 | 23 | 5 | 26 | 5 | 25 | 5 | 25 | 5 | 23 | 4 | 23 | 4 | 18 | 4 | 18 | 3 | 18 | 4 | 19 | 4 | 15 | 20 | 16 |
| 17 | 3 | 15 | 2 | 15 | 3 | 16 | 1 | 15 | 1 | 15 | 1 | 10 | 1 | 7 | 1 | 7 | 1 | 7 | 1 | 5 | — | 3 | — | 3 | 12 | 17 |
| 18 | 3 | 20 | 2 | 22 | 2 | 21 | 2 | 19 | 1 | 18 | 1 | 15 | 1 | 12 | 32 | 12 | 32 | 12 | 32 | 10 | 32 | 9 | 32 | 10 | 13 | 18 |
| 19 | 30 | 12 | 32 | 16 | 32 | 11 | 32 | 12 | 32 | 13 | 32 | 16 | 32 | 10 | 32 | 8 | 32 | 5 | 2 | 5 | 32 | 10 | 31 | 7 | 11 | 19 |
| 20 | 3 | 14 | 1 | 15 | 32 | 16 | 32 | 13 | 32 | 10 | 32 | 8 | 1 | 7 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 11 | 20 |
| 21 | 26 | 5 | 31 | 5 | 29 | 5 | 31 | 4 | — | 2 | — | 0 | — | 2 | — | 2 | 8 | 5 | 8 | 5 | — | 3 | — | 2 | 5 | 21 |
| 22 | 21 | 10 | 25 | 8 | 19 | 10 | 17 | 9 | 26 | 12 | 26 | 5 | — | 3 | 21 | 4 | 21 | 10 | 21 | 7 | 22 | 5 | 23 | 5 | 6 | 22 |
| 23 | 5 | 7 | 7 | 7 | 6 | 8 | 6 | 11 | 2 | 10 | 3 | 10 | 3 | 10 | 2 | 10 | 1 | 12 | 1 | 12 | 1 | 12 | 32 | 13 | 8 | 23 |
| 24 | 32 | 10 | 29 | 8 | 25 | 12 | 25 | 9 | 23 | 10 | 22 | 9 | 20 | 10 | 21 | 9 | 18 | 9 | 18 | 7 | 17 | 8 | 17 | 10 | 9 | 24 |
| 25 | 10 | 20 | 10 | 19 | 9 | 17 | 7 | 9 | 4 | 5 | 32 | 10 | 28 | 20 | 27 | 20 | 26 | 21 | 24 | 16 | 24 | 15 | 25 | 11 | 13 | 25 |
| 26 | 22 | 16 | 24 | 16 | 23 | 18 | 23 | 18 | 22 | 15 | 22 | 15 | 21 | 10 | 22 | 8 | 22 | 8 | 22 | 6 | 22 | 4 | 22 | 4 | 12 | 26 |
| 27 | 16 | 7 | 16 | 6 | 16 | 4 | 16 | 4 | 10 | 6 | 11 | 5 | 11 | 4 | 11 | 7 | 11 | 5 | 11 | 7 | 11 | 6 | 9 | 9 | 4 | 27 |
| 28 | 9 | 18 | 8 | 18 | 7 | 14 | 9 | 11 | 9 | 3 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | 11 | 28 |
| 29 | 4 | 24 | 6 | 25 | 5 | — | 3 | 24 | 4 | 22 | 7 | 22 | 5 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 4 | 29 |
| 30 | 17 | 12 | 18 | 11 | 19 | 12 | 19 | 10 | 19 | 12 | 19 | 10 | 19 | 7 | 19 | 5 | 19 | 4 | 19 | 6 | 19 | 6 | 19 | 4 | 7 | 30 |
| — | 13 | — | 12 | — | 12 | — | 11 | — | 11 | — | 10 | — | 9 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | 10 | | Mean, 1881–1905. |
| — | 11·7 | — | 11·7 | — | 11·7 | — | 11·4 | — | 10·9 | — | 9·6 | — | 8·5 | — | 7·7 | — | 7·3 | — | 6·7 | — | 6·3 | — | 5·9 | 8·4 | | |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. APRIL, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·4 | ·7 | ·8 | ·2 | ·5 | — | — | ·2 | ·2 | ·3 | ·6 | ·1 | — | — | 4·0 | Fair. |
| 2 | — | — | — | — | ·1 | — | — | ·1 | — | ·2 | — | — | — | — | — | — | — | 0·4 | Dull to fair. |
| 3 | — | — | ·3 | 1·0 | 1·0 | ·7 | ·1 | ·4 | ·7 | ·5 | ·4 | ·8 | 1·0 | ·9 | ·4 | — | — | 8·2 | ●°, T, about 13h., but fine most of day. |
| 4 | — | — | — | — | ·3 | ·1 | — | ·1 | ·3 | ·7 | ·8 | ·2 | ·1 | — | — | — | — | 2·6 | Fair; ●° in afternoon. |
| 5 | — | — | — | — | — | — | — | — | ·2 | ·5 | ·2 | ·5 | ·1 | ·3 | ·2 | — | — | 2·0 | A.M. dull, finer later; ● occasionally. |
| 6 | — | — | — | — | ·6 | ·7 | ·4 | ·5 | ·5 | ·4 | ·8 | ·9 | ·5 | ·7 | — | — | — | 6·0 | Fine most of day. |
| 7 | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | 12·4 | Fine throughout. |
| 8 | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | 10·9 | Fine day; ≋° at night. |
| 9 | — | — | — | ·2 | 1·0 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | 10·5 | Fine all day, but ∞; ● about 24h. |
| 10 | — | — | — | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | — | 0·4 | Dull day. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋°; overcast. |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast to cloudy; ●° about 13h. |
| 13 | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | — | — | — | — | — | — | — | 5·6 | A.M. fine; dull later, and ≋°. |
| 14 | — | — | — | ·2 | 1·0 | ·9 | ·5 | — | — | — | — | ·2 | ·1 | — | — | — | — | 2·9 | Fair at first, becoming overcast after 11h. |
| 15 | — | — | — | — | ·4 | ·5 | ·3 | ·9 | 1·0 | ·9 | 1·0 | ·8 | ·4 | ·7 | ·3 | — | — | 7·2 | Cloudy early, then fine most of day. |
| 16 | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | 11·9 | Fine day; ⫽. |
| 17 | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | ·9 | 1·0 | — | — | 12·6 | Fine throughout. [12h. |
| 18 | — | — | — | — | ·2 | ·5 | ·4 | ·7 | ·9 | ·9 | 1·0 | ·9 | ·6 | ·2 | ·5 | — | — | 6·8 | Overcast at first, then clearing; ⫽ about |
| 19 | — | — | — | — | — | — | ·4 | ·4 | ·2 | ·4 | ·6 | ·4 | ·5 | ·6 | ·3 | — | — | 3·8 | Fine intervals during day; ▲, ✳, P.M. |
| 20 | — | — | ·8 | ·8 | 1·0 | 1·0 | ·6 | ·8 | ·6 | ·4 | 1·0 | ·9 | ·5 | ·9 | ·2 | ·1 | — | 9·6 | ✳°, ●°, but fine most of day. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Rather dull throughout; ●° about 16h. |
| 22 | — | — | — | ·7 | 1·0 | 1·0 | ·9 | ·4 | ·1 | — | — | — | — | — | — | — | — | 4·1 | A.M. fine; P.M. overcast and ●° about 23h. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day, with ● and ✳ P.M. |
| 24 | — | — | — | — | ·5 | 1·0 | 1·0 | ·9 | ·3 | ·6 | ·6 | 1·0 | 1·0 | ·9 | 1·0 | ·1 | — | 8·9 | ✳ early, then fine but cold, |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ▲, ●, ✳, and dull all day. |
| 26 | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | 12·5 | ✳ early, then fine and bright. |
| 27 | — | — | — | ·9 | ·2 | ·6 | — | — | — | — | — | — | — | — | — | — | — | 1·7 | Fair at first, dull later with ● P.M. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●², and ≋ in evening. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 30 | — | — | — | — | — | ·3 | ·3 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | — | — | — | — | 6·3 | ≋ early; fine to overcast. |
| | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day with ● A.M., improving in evening |
| | — | — | 3·6 | 10·0 | 14·0 | 15·4 | 12·0 | 13·5 | 11·7 | 12·5 | 13·4 | 13·7 | 12·0 | 11·7 | 7·4 | 0·4 | — | 151·3 | Total. |
| | — | 0·19 | 3·51 | 8·57 | 10·97 | 12·42 | 13·95 | 14·52 | 14·43 | 14·20 | 13·93 | 13·33 | 12·41 | 9·83 | 4·84 | 0·30 | — | 147·40 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. APRIL, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 38·2 | 38·0 | 37·8 | 36·9 | 37·3 | 37·9 | 38·0 | 39·4 | 42·3 | 44·8 | 46·0 | 47·4 | 47·7 | 49·1 | 49·1 | 49·7 | 49·8 | 50·4 | 49·7 | 48·0 | 47·0 | 46·2 | 45·8 | 45·4 | 44·4 | 44·4 |
| 2 | 44·4 | 44·4 | 44·7 | 45·3 | 45·2 | 45·7 | 46·0 | 47·7 | 48·9 | 50·6 | 51·6 | 53·9 | 56·1 | 58·1 | 56·5 | 55·6 | 55·2 | 54·7 | 53·6 | 52·8 | 51·9 | 50·8 | 49·7 | 49·6 | 48·5 | 50·6 |
| 3 | 48·5 | 47·7 | 45·9 | 44·8 | 44·0 | 43·2 | 42·7 | 44·2 | 46·1 | 48·2 | 47·9 | 48·9 | 50·6 | 53·0 | 48·0 | 52·1 | 52·0 | 52·1 | 50·7 | 49·5 | 47·8 | 46·3 | 44·9 | 43·6 | 42·9 | 47·5 |
| 4 | 42·9 | 41·7 | 41·1 | 41·0 | 41·2 | 39·7 | 40·9 | 42·0 | 43·4 | 44·9 | 44·6 | 45·8 | 47·3 | 48·5 | 50·7 | 49·0 | 48·5 | 45·8 | 42·9 | 41·3 | 39·9 | 40·3 | 39·5 | 39·9 | 40·3 | 43·4 |
| 5 | 40·3 | 40·2 | 41·1 | 40·3 | 40·8 | 40·8 | 41·1 | 40·9 | 41·4 | 41·7 | 42·8 | 44·0 | 43·9 | 44·5 | 45·3 | 44·1 | 44·0 | 41·7 | 44·3 | 44·0 | 43·0 | 42·0 | 40·9 | 40·6 | 40·9 | 42·3 |
| 6 | 40·9 | 40·3 | 40·8 | 40·8 | 40·0 | 40·8 | 41·8 | 41·9 | 42·7 | 43·4 | 43·6 | 42·0 | 46·2 | 45·3 | 46·0 | 48·0 | 48·0 | 47·0 | 44·7 | 44·0 | 42·9 | 42·1 | 41·8 | 41·8 | 41·6 | 43·3 |
| 7 | 41·6 | 40·9 | 39·6 | 39·0 | 38·5 | 38·5 | 38·1 | 39·3 | 41·3 | 43·4 | 44·4 | 44·7 | 48·1 | 49·8 | 51·4 | 52·2 | 52·4 | 51·1 | 49·3 | 46·5 | 44·2 | 41·5 | 39·7 | 37·9 | 37·1 | 43·9 |
| 8 | 37·1 | 37·3 | 36·3 | 35·8 | 34·9 | 34·2 | 34·2 | 35·9 | 37·8 | 40·4 | 43·6 | 47·4 | 50·6 | 52·5 | 53·8 | 54·7 | 55·4 | 55·4 | 50·0 | 45·9 | 44·1 | 42·2 | 41·1 | 39·0 | 37·0 | 43·3 |
| 9 | 37·0 | 36·2 | 34·6 | 33·0 | 33·0 | 30·0 | 28·0 | 33·0 | 35·8 | 39·7 | 43·8 | 48·3 | 51·0 | 53·5 | 54·6 | 56·5 | 57·6 | 58·5 | 57·1 | 51·7 | 47·2 | 47·1 | 47·0 | 46·7 | 48·6 | 44·4 |
| 10 | 48·6 | 48·4 | 45·7 | 45·0 | 44·3 | 44·1 | 43·6 | 43·3 | 45·1 | 46·4 | 46·2 | 46·8 | 47·0 | 46·4 | 46·1 | 45·8 | 45·6 | 45·7 | 45·5 | 45·0 | 44·6 | 44·4 | 43·7 | 43·5 | 43·0 | 45·3 |
| 11 | 43·0 | 42·9 | 42·9 | 42·6 | 42·4 | 42·2 | 42·5 | 43·0 | 43·5 | 44·1 | 45·6 | 46·5 | 45·9 | 46·1 | 45·3 | 45·6 | 45·3 | 44·9 | 44·6 | 44·4 | 43·7 | 43·3 | 43·1 | 42·9 | 42·4 | 44·0 |
| 12 | 42·4 | 42·1 | 41·6 | 41·5 | 41·1 | 41·0 | 41·5 | 42·9 | 42·7 | 43·1 | 45·0 | 46·7 | 48·7 | 48·0 | 48·0 | 50·1 | 51·0 | 51·5 | 51·2 | 50·6 | 48·1 | 46·4 | 43·6 | 41·5 | 39·9 | 45·4 |
| 13 | 39·9 | 39·0 | 39·3 | 39·7 | 38·6 | 37·6 | 36·5 | 39·0 | 41·1 | 43·0 | 44·5 | 45·4 | 46·1 | 46·3 | 45·3 | 45·3 | 44·1 | 44·7 | 42·3 | 42·5 | 42·3 | 42·0 | 41·0 | 39·3 | 38·1 | 41·8 |
| 14 | 38·1 | 36·9 | 36·1 | 35·6 | 37·1 | 37·8 | 39·1 | 40·2 | 42·7 | 44·1 | 44·5 | 44·9 | 45·0 | 44·9 | 45·5 | 46·7 | 45·9 | 46·1 | 45·0 | 43·9 | 42·7 | 40·7 | 39·0 | 38·9 | 37·3 | 41·7 |
| 15 | 37·3 | 38·3 | 38·3 | 38·0 | 37·9 | 37·5 | 38·7 | 40·0 | 41·3 | 43·0 | 44·0 | 46·2 | 48·4 | 50·8 | 52·2 | 54·3 | 54·1 | 54·1 | 51·9 | 48·2 | 46·5 | 45·5 | 44·9 | 45·1 | 45·6 | 45·0 |
| 16 | 45·6 | 45·7 | 46·0 | 46·1 | 45·5 | 45·2 | 45·1 | 46·0 | 47·3 | 51·2 | 54·0 | 56·1 | 57·0 | 57·0 | 57·0 | 56·8 | 55·5 | 53·9 | 52·0 | 48·9 | 46·7 | 44·8 | 42·0 | 40·6 | 40·1 | 49·3 |
| 17 | 40·1 | 40·0 | 39·4 | 39·7 | 39·1 | 38·8 | 39·5 | 41·4 | 43·3 | 45·6 | 47·4 | 49·9 | 51·5 | 53·2 | 53·3 | 54·1 | 53·8 | 52·6 | 50·9 | 48·3 | 45·7 | 43·8 | 42·2 | 41·0 | 40·0 | 45·6 |
| 18 | 40·0 | 38·7 | 38·3 | 39·1 | 39·3 | 40·8 | 44·2 | 44·2 | 44·5 | 44·9 | 44·1 | 45·6 | 47·9 | 48·0 | 48·1 | 47·0 | 45·7 | 45·0 | 45·0 | 43·0 | 41·7 | 41·1 | 40·8 | 40·2 | 38·2 | 43·2 |
| 19 | 38·2 | 37·1 | 37·5 | 38·0 | 38·3 | 38·0 | 38·3 | 38·2 | 39·3 | 40·2 | 40·9 | 42·1 | 42·9 | 41·9 | 44·7 | 44·0 | 39·8 | 41·9 | 39·1 | 37·4 | 38·0 | 36·3 | 36·1 | 34·1 | 34·9 | 34·0 |
| 20 | 34·0 | 34·9 | 34·7 | 34·4 | 33·5 | 34·2 | 34·6 | 35·9 | 36·7 | 39·0 | 37·9 | 41·0 | 42·2 | 36·9 | 42·4 | 44·0 | 38·9 | 42·1 | 42·0 | 41·0 | 39·3 | 37·5 | 36·8 | 35·7 | 35·9 | 37·9 |
| 21 | 35·9 | 35·1 | 34·0 | 33·0 | 32·2 | 33·0 | 34·2 | 35·7 | 37·9 | 41·1 | 44·0 | 46·9 | 47·7 | 48·5 | 49·0 | 49·4 | 48·1 | 47·3 | 47·1 | 46·0 | 45·2 | 44·7 | 44·0 | 43·6 | 42·9 | 42·0 |
| 22 | 42·9 | 42·7 | 42·4 | 42·0 | 41·1 | 40·6 | 40·7 | 42·5 | 44·1 | 47·0 | 49·3 | 50·2 | 50·4 | 49·9 | 47·0 | 48·1 | 49·6 | 46·2 | 44·9 | 44·9 | 44·7 | 45·7 | 45·0 | 44·9 | 44·0 | 45·3 |
| 23 | 44·0 | 43·9 | 41·7 | 40·9 | 40·0 | 39·1 | 39·4 | 40·0 | 40·9 | 41·1 | 41·9 | 41·1 | 42·9 | 41·6 | 42·1 | 40·0 | 39·3 | 36·1 | 34·4 | 34·0 | 34·0 | 33·9 | 33·3 | 33·1 | 33·0 | 38·9 |
| 24 | 33·0 | 32·8 | 32·9 | 32·7 | 32·3 | 32·0 | 32·0 | 32·9 | 33·3 | 34·0 | 35·0 | 36·8 | 37·0 | 36·2 | 37·2 | 40·0 | 40·2 | 42·3 | 40·8 | 38·3 | 36·0 | 34·7 | 33·1 | 33·8 | 33·5 | 35·4 |
| 25 | 33·5 | 33·5 | 35·0 | 34·2 | 35·3 | 35·1 | 33·4 | 34·0 | 36·1 | 37·1 | 36·6 | 38·7 | 42·8 | 44·3 | 44·4 | 43·0 | 43·0 | 42·1 | 40·4 | 36·8 | 33·6 | 34·0 | 33·4 | 33·6 | 33·5 | 37·3 |
| 26 | 33·5 | 33·9 | 34·6 | 34·4 | 34·1 | 33·7 | 34·0 | 35·9 | 37·1 | 39·7 | 41·7 | 43·9 | 44·8 | 47·0 | 47·7 | 49·0 | 49·2 | 50·0 | 47·8 | 45·0 | 42·5 | 41·7 | 41·1 | 41·0 | 40·6 | 41·1 |
| 27 | 40·6 | 40·2 | 39·7 | 38·4 | 38·0 | 37·8 | 39·1 | 42·6 | 45·9 | 47·5 | 49·7 | 50·5 | 50·0 | 49·1 | 48·4 | 47·0 | 46·4 | 46·0 | 46·5 | 46·7 | 46·8 | 46·7 | 46·2 | 46·2 | 46·3 | 45·0 |
| 28 | 46·3 | 46·2 | 46·1 | 46·2 | 46·3 | 46·7 | 47·0 | 46·9 | 47·0 | 47·9 | 47·0 | 47·9 | 46·7 | 46·3 | 46·3 | 46·4 | 46·3 | 47·0 | 48·0 | 47·9 | 47·2 | 46·2 | 44·5 | 44·5 | 45·0 | 46·6 |
| 29 | 45·0 | 45·0 | 46·0 | 46·0 | 46·0 | 45·9 | 46·5 | 48·1 | 49·2 | 51·1 | 53·4 | 54·7 | 56·8 | 58·7 | 59·6 | 60·4 | 61·3 | 60·7 | 58·8 | 56·0 | 53·7 | 52·5 | 51·6 | 52·0 | 51·4 | 52·6 |
| 30 | 51·4 | 50·7 | 49·8 | 49·6 | 49·5 | 49·0 | 49·7 | 50·0 | 51·0 | 52·6 | 52·0 | 52·4 | 52·6 | 54·9 | 55·4 | 55·9 | 56·8 | 57·2 | 57·7 | 57·0 | 55·4 | 55·2 | 54·6 | 54·2 | 54·0 | 53·2 |
| Mean ... | 40·8 | 40·5 | 40·1 | 39·8 | 39·6 | 39·4 | 39·7 | 40·9 | 42·4 | 44·0 | 45·2 | 46·7 | 47·8 | 48·4 | 48·7 | 49·1 | 48·8 | 48·4 | 47·2 | 45·7 | 44·2 | 43·3 | 42·3 | 41·8 | 41·3 | 44·0 |
| Mean, 1871-1905. | 43·5 | 42·9 | 42·4 | 42·0 | 41·5 | 41·4 | 41·6 | 43·2 | 45·0 | 47·2 | 48·9 | 50·6 | 51·6 | 52·6 | 53·1 | 53·3 | 53·0 | 52·3 | 50·9 | 49·0 | 47·3 | 46·1 | 45·1 | 44·3 | 43·6 | 46·9 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). APRIL, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 84 | 85 | 87 | 87 | 88 | 84 | 85 | 82 | 75 | 68 | 65 | 61 | 63 | 59 | 58 | 57 | 59 | 59 | 64 | 72 | 75 | 78 | 79 | 84 | 85 | 73·3 |
| 2 | 85 | 83 | 85 | 89 | 93 | 94 | 94 | 92 | 90 | 88 | 86 | 77 | 68 | 59 | 64 | 72 | 69 | 71 | 71 | 73 | 80 | 81 | 84 | 85 | 83 | 80·5 |
| 3 | 83 | 83 | 86 | 85 | 86 | 87 | 86 | 83 | 77 | 68 | 68 | 68 | 67 | 62 | 74 | 60 | 58 | 58 | 55 | 57 | 63 | 66 | 72 | 74 | 74 | 71·7 |
| 4 | 76 | 74 | 76 | 76 | 78 | 83 | 80 | 79 | 76 | 69 | 63 | 62 | 62 | 59 | 62 | 67 | 70 | 80 | 85 | 84 | 87 | 85 | 85 | 87 | 88 | 74·8 |
| 5 | 88 | 86 | 85 | 88 | 86 | 86 | 84 | 85 | 82 | 81 | 75 | 71 | 76 | 78 | 73 | 77 | 78 | 81 | 77 | 72 | 77 | 79 | 79 | 81 | 82 | 80·1 |
| 6 | 82 | 85 | 83 | 84 | 84 | 84 | 80 | 77 | 73 | 75 | 78 | 80 | 70 | 71 | 72 | 58 | 57 | 62 | 68 | 66 | 67 | 72 | 74 | 72 | 74 | 73·8 |
| 7 | 74 | 76 | 79 | 79 | 82 | 82 | 82 | 80 | 77 | 69 | 68 | 64 | 62 | 61 | 58 | 55 | 53 | 55 | 56 | 64 | 68 | 77 | 78 | 82 | 82 | 70·2 |
| 8 | 82 | 78 | 78 | 77 | 82 | 86 | 87 | 85 | 84 | 80 | 76 | 64 | 56 | 57 | 52 | 53 | 51 | 53 | 64 | 69 | 69 | 76 | 81 | 86 | 91 | 72·1 |
| 9 | 91 | 88 | 90 | 90 | 92 | 85 | 86 | 85 | 84 | 83 | 74 | 69 | 63 | 48 | 49 | 43 | 44 | 42 | 54 | 71 | 71 | 69 | 72 | 93 | 70·3 | |
| 10 | 93 | 93 | 89 | 84 | 88 | 85 | 85 | 88 | 81 | 76 | 72 | 72 | 74 | 80 | 80 | 82 | 82 | 82 | 84 | 85 | 87 | 88 | 93 | 90 | 92 | 83·8 |
| 11 | 92 | 91 | 92 | 91 | 91 | 90 | 88 | 86 | 86 | 83 | 82 | 81 | 79 | 79 | 79 | 77 | 78 | 74 | 76 | 77 | 79 | 78 | 82 | 80 | 83 | 82·8 |
| 12 | 83 | 84 | 86 | 86 | 87 | 86 | 89 | 85 | 85 | 86 | 84 | 82 | 78 | 71 | 79 | 76 | 63 | 56 | 58 | 58 | 65 | 74 | 76 | 78 | 82 | 77·3 |
| 13 | 82 | 84 | 82 | 75 | 79 | 79 | 83 | 78 | 71 | 66 | 58 | 56 | 56 | 57 | 61 | 65 | 67 | 64 | 79 | 72 | 70 | 73 | 76 | 77 | 75 | 71·1 |
| 14 | 75 | 78 | 80 | 82 | 82 | 83 | 82 | 81 | 68 | 61 | 58 | 60 | 60 | 61 | 60 | 59 | 60 | 58 | 65 | 68 | 70 | 72 | 77 | 78 | 83 | 70·0 |
| 15 | 83 | 83 | 83 | 84 | 84 | 87 | 85 | 80 | 75 | 71 | 69 | 62 | 60 | 55 | 52 | 52 | 55 | 55 | 59 | 73 | 82 | 83 | 86 | 85 | 82 | 72·6 |
| 16 | 82 | 82 | 83 | 84 | 84 | 83 | 82 | 79 | 78 | 67 | 61 | 56 | 56 | 51 | 44 | 44 | 43 | 43 | 50 | 51 | 57 | 56 | 72 | 78 | 78 | 65·2 |
| 17 | 78 | 78 | 81 | 78 | 82 | 82 | 81 | 78 | 72 | 67 | 64 | 58 | 57 | 53 | 53 | 54 | 55 | 58 | 63 | 66 | 74 | 75 | 81 | 81 | 84 | 69·7 |
| 18 | 84 | 85 | 88 | 88 | 88 | 84 | 82 | 81 | 75 | 80 | 78 | 78 | 83 | 58 | 47 | 46 | 54 | 51 | 54 | 59 | 57 | 62 | 63 | 66 | 71 | 66·0 |
| 19 | 71 | 74 | 73 | 73 | 73 | 72 | 73 | 64 | 62 | 62 | 61 | 60 | 64 | 58 | 57 | 85 | 75 | 82 | 80 | 72 | 82 | 81 | 90 | 82 | 86 | 72·2 |
| 20 | 86 | 76 | 75 | 75 | 83 | 79 | 77 | 72 | 72 | 67 | 69 | 58 | 58 | 78 | 58 | 52 | 79 | 66 | 62 | 64 | 68 | 76 | 80 | 84 | 83 | 71·3 |
| 21 | 83 | 82 | 82 | 82 | 85 | 81 | 81 | 82 | 82 | 78 | 75 | 67 | 64 | 63 | 60 | 62 | 66 | 71 | 73 | 78 | 80 | 80 | 80 | 80 | 84 | 75·8 |
| 22 | 84 | 82 | 87 | 87 | 91 | 90 | 90 | 87 | 81 | 74 | 67 | 65 | 62 | 65 | 73 | 73 | 71 | 82 | 86 | 88 | 87 | 85 | 89 | 87 | 89 | 80·7 |
| 23 | 89 | 88 | 87 | 85 | 84 | 83 | 81 | 79 | 80 | 78 | 78 | 83 | 78 | 86 | 83 | 91 | 88 | 91 | 92 | 89 | 89 | 85 | 87 | 88 | 88 | 85·0 |
| 24 | 88 | 90 | 89 | 91 | 93 | 85 | 80 | 79 | 76 | 68 | 65 | 62 | 62 | 62 | 61 | 55 | 48 | 53 | 56 | 66 | 74 | 74 | 78 | 78 | 77 | 72·0 |
| 25 | 77 | 77 | 76 | 80 | 77 | 77 | 91 | 83 | 73 | 72 | 80 | 79 | 71 | 68 | 64 | 71 | 68 | 73 | 83 | 86 | 90 | 85 | 91 | 90 | 90 | 78·7 |
| 26 | 90 | 90 | 86 | 85 | 86 | 88 | 89 | 83 | 82 | 75 | 73 | 64 | 66 | 59 | 57 | 53 | 53 | 59 | 63 | 72 | 77 | 83 | 81 | 80 | 74·5 | |
| 27 | 80 | 84 | 86 | 89 | 91 | 91 | 89 | 81 | 73 | 72 | 69 | 69 | 73 | 82 | 84 | 90 | 94 | 95 | 96 | 94 | 93 | 94 | 97 | 97 | 95 | 86·3 |
| 28 | 95 | 96 | 95 | 94 | 96 | 95 | 92 | 93 | 92 | 89 | 87 | 89 | 92 | 94 | 95 | 95 | 96 | 94 | 95 | 98 | 98 | 97 | 97 | 98 | 94·1 | |
| 29 | 98 | 97 | 94 | 96 | 96 | 96 | 97 | 95 | 89 | 81 | 73 | 70 | 66 | 60 | 51 | 54 | 55 | 62 | 67 | 66 | 70 | 75 | 76 | 81 | 85 | 77·4 |
| 30 | 85 | 88 | 93 | 95 | 94 | 94 | 95 | 94 | 93 | 95 | 94 | 91 | 91 | 87 | 84 | 84 | 81 | 81 | 81 | 81 | 87 | 86 | 89 | 89 | 89 | 89·0 |
| Mean ... | 84·0 | 84·1 | 84·5 | 84·6 | 86·2 | 85·4 | 85·2 | 82·5 | 78·8 | 74·3 | 72·0 | 68·5 | 66·8 | 65·8 | 64·7 | 65·2 | 65·5 | 66·8 | 69·9 | 72·4 | 76·4 | 78·1 | 81·5 | 82·3 | 84·2 | 76·1 |
| Mean, 1886-1905. | 83·8 | 84·6 | 86·0 | 86·4 | 87·4 | 87·2 | 87·1 | 84·0 | 80·3 | 75·6 | 70·7 | 67·0 | 63·9 | 62·5 | 61·1 | 61·0 | 61·1 | 62·7 | 65·6 | 69·9 | 74·4 | 77·6 | 80·0 | 82·1 | 83·3 | 75·1 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. MAY, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. MAY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·048 | 9·945 | 65·9 | 50·8 | 9 | 9·627 | 9·419 | 56·6 | 45·5 | 17 | 0·279 | 0·154 | 56·6 | 52·8 | 25 | 9·934 | 9·630 | 58·3 | 49·6 |
| 2 | 0·007 | 9·850 | 61·6 | 52·7 | 10 | 9·732 | 9·603 | 56·4 | 46·6 | 18 | 0·374 | 0·279 | 63·2 | 52·9 | 26 | 0·359 | 9·934 | 61·7 | 52·1 |
| 3 | 9·997 | 9·672 | 57·6 | 49·6 | 11 | 9·765 | 9·696 | 57·0 | 47·4 | 19 | 0·392 | 0·245 | 55·8 | 48·8 | 27 | **0·436** | 0·359 | 68·4 | 54·7 |
| 4 | 9·691 | 9·169 | 57·8 | 50·1 | 12 | 9·765 | 9·660 | 56·3 | 46·0 | 20 | 0·383 | 0·000 | 58·1 | 45·5 | 28 | 0·416 | 0·323 | **73·2** | 52·7 |
| 5 | 9·172 | **9·040** | 56·5 | 50·3 | 13 | 9·660 | 9·243 | 55·8 | 48·5 | 21 | 0·000 | 9·798 | 52·1 | 44·0 | 29 | 0·333 | 0·194 | 71·8 | 50·5 |
| 6 | 9·697 | 9·086 | 53·9 | 44·7 | 14 | 9·372 | 9·098 | 57·0 | 49·2 | 22 | 0·068 | 9·809 | 54·4 | 47·4 | 30 | 0·194 | 9·913 | 69·8 | 48·9 |
| 7 | 9·767 | 9·609 | 56·0 | 42·5 | 15 | 9·894 | 9·372 | 56·7 | **41·5** | 23 | 0·108 | 9·911 | 59·5 | 48·8 | 31 | 9·917 | 9·765 | 66·3 | 52·0 |
| 8 | 9·645 | 9·405 | 56·1 | 48·6 | 16 | 0·158 | 9·890 | 56·8 | 50·7 | 24 | 9·911 | 9·655 | 57·6 | 49·7 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 59·5 | 48·9 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. MAY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·000 | 9·999 | 0·005 | 0·016 | 0·018 | 0·020 | 0·027 | 0·038 | 0·043 | 0·044 | 0·048 | 0·036 | 0·030 | 0·033 | 0·025 | 0·022 | 0·003 | 9·989 | 9·974 | 9·967 | 9·959 | 9·952 | 9·948 | 9·959 | 9·967 | 0·006 |
| 2 | 9·967 | 9·937 | 9·933 | 9·894 | 9·858 | 9·883 | 9·897 | 9·917 | 9·955 | 9·943 | 9·963 | 9·967 | | 9·979 | 9·980 | 9·981 | 9·976 | 9·977 | 9·981 | 9·990 | 0·002 | 0·005 | 0·002 | 9·995 | 9·955 |
| 3 | 9·995 | 9·997 | 9·990 | 9·978 | 9·976 | 9·970 | 9·968 | 9·976 | 9·961 | 9·952 | 9·963 | 9·964 | 9·949 | 9·940 | 9·921 | 9·896 | 9·874 | 9·848 | 9·823 | 9·801 | 9·765 | 9·759 | 9·757 | 9·735 | 9·681 | 9·900 |
| 4 | 9·681 | 9·647 | 9·617 | 9·601 | 9·565 | 9·525 | 9·501 | 9·489 | 9·478 | 9·467 | 9·452 | 9·439 | 9·443 | 9·429 | 9·419 | 9·397 | 9·382 | 9·355 | 9·325 | 9·297 | 9·263 | 9·244 | 9·218 | 9·189 | 9·160 | 9·424 |
| 5 | 9·169 | 9·158 | 9·128 | 9·097 | 9·072 | 9·049 | 9·040 | 9·043 | 9·049 | 9·060 | 9·071 | 9·087 | 9·098 | 9·091 | 9·090 | 9·078 | 9·067 | 9·061 | 9·063 | 9·054 | 9·063 | 9·069 | 9·071 | 9·073 | 9·086 | 9·078 |
| 6 | 9·086 | 9·104 | 9·121 | 9·143 | 9·167 | 9·194 | 9·239 | 9·283 | 9·312 | 9·348 | 9·381 | 9·405 | 9·434 | 9·459 | 9·493 | 9·519 | 9·535 | 9·557 | 9·580 | 9·603 | 9·636 | 9·644 | 9·668 | 9·687 | 9·697 | 9·413 |
| 7 | 9·697 | 9·715 | 9·709 | 9·723 | 9·732 | 9·733 | 9·740 | 9·754 | 9·763 | 9·759 | 9·760 | 9·754 | 9·734 | 9·715 | 9·702 | 9·680 | 9·640 | 9·641 | 9·619 | 9·613 | 9·625 | 9·635 | 9·649 | 9·638 | 9·645 | 9·696 |
| 8 | 9·645 | 9·644 | 9·635 | 9·623 | 9·591 | 9·559 | 9·548 | 9·515 | 9·504 | 9·489 | 9·474 | 9·462 | 9·440 | 9·431 | 9·427 | 9·420 | 9·408 | 9·408 | 9·415 | 9·425 | 9·440 | 9·455 | 9·498 | 9·515 | 9·529 | 9·496 |
| 9 | 9·520 | 9·541 | 9·555 | 9·565 | 9·576 | 9·578 | 9·589 | 9·590 | 9·594 | 9·595 | 9·595 | 9·589 | 9·574 | 9·541 | 9·500 | 9·453 | 9·435 | 9·483 | 9·531 | 9·564 | 9·580 | 9·603 | 9·613 | 9·619 | 9·627 | 9·560 |
| 10 | 9·627 | 9·628 | 9·619 | 9·618 | 9·610 | 9·609 | 9·613 | 9·615 | 9·616 | 9·619 | 9·628 | 9·630 | 9·633 | 9·643 | 9·654 | 9·658 | 9·667 | 9·678 | 9·680 | 9·691 | 9·698 | 9·718 | 9·724 | 9·729 | 9·732 | 9·652 |
| 11 | 9·732 | 9·720 | 9·718 | 9·716 | 9·701 | 9·699 | 9·702 | 9·708 | 9·715 | 9·717 | 9·719 | 9·718 | 9·719 | 9·718 | 9·716 | 9·712 | 9·708 | 9·712 | 9·714 | 9·727 | 9·735 | 9·746 | 9·755 | 9·762 | 9·765 | 9·721 |
| 12 | 9·765 | 9·761 | 9·750 | 9·742 | 9·738 | 9·739 | 9·744 | 9·753 | 9·757 | 9·758 | 9·752 | 9·746 | 9·743 | 9·736 | 9·731 | 9·723 | 9·712 | 9·702 | 9·691 | 9·683 | 9·680 | 9·681 | 9·676 | 9·663 | 9·666 | 9·724 |
| 13 | 9·666 | 9·651 | 9·647 | 9·641 | 9·636 | 9·638 | 9·640 | 9·641 | 9·640 | 9·640 | 9·631 | 9·632 | 9·610 | 9·595 | 9·581 | 9·555 | 9·527 | 9·499 | 9·470 | 9·441 | 9·409 | 9·376 | 9·340 | 9·294 | 9·243 | 9·549 |
| 14 | 9·243 | 9·206 | 9·167 | 9·150 | 9·117 | 9·116 | 9·115 | 9·114 | 9·101 | 9·100 | 9·104 | 9·123 | 9·137 | 9·150 | 9·166 | 9·177 | 9·203 | 9·217 | 9·230 | 9·253 | 9·282 | 9·312 | 9·337 | 9·353 | 9·372 | 9·189 |
| 15 | 9·372 | 9·388 | 9·410 | 9·429 | 9·448 | 9·470 | 9·505 | 9·538 | 9·566 | 9·597 | 9·619 | 9·632 | 9·664 | 9·683 | 9·717 | 9·734 | 9·755 | 9·774 | 9·798 | 9·820 | 9·848 | 9·874 | 9·881 | 9·892 | 9·894 | 9·653 |
| 16 | 9·894 | 9·898 | 9·912 | 0·027 | 0·027 | 9·934 | 9·950 | 9·958 | 9·982 | 0·001 | 0·020 | 0·044 | 0·057 | 0·084 | 0·095 | 0·099 | 0·099 | 0·105 | 0·105 | 0·110 | 0·126 | 0·144 | 0·153 | 0·155 | 0·158 | 0·038 |
| 17 | 0·158 | 0·171 | 0·176 | 0·182 | 0·208 | 0·211 | 0·228 | 0·241 | 0·244 | 0·248 | 0·245 | 0·244 | 0·244 | 0·246 | 0·252 | 0·258 | 0·245 | 0·252 | 0·246 | 0·253 | 0·265 | 0·268 | 0·276 | 0·272 | 0·270 | 0·237 |
| 18 | 0·270 | 0·282 | 0·287 | 0·290 | 0·291 | 0·304 | 0·316 | 0·332 | 0·344 | 0·350 | 0·361 | 0·364 | 0·364 | 0·371 | 0·368 | 0·372 | 0·363 | 0·359 | 0·346 | 0·342 | 0·336 | 0·333 | 0·322 | 0·305 | 0·284 | 0·333 |
| 19 | 0·284 | 0·271 | 0·264 | 0·250 | 0·250 | 0·249 | 0·245 | 0·255 | 0·270 | 0·289 | 0·310 | 0·325 | 0·328 | 0·344 | 0·350 | 0·354 | 0·352 | 0·361 | 0·364 | 0·362 | 0·368 | 0·382 | 0·385 | 0·392 | 0·381 | 0·319 |
| 20 | 0·381 | 0·379 | 0·372 | 0·373 | 0·366 | 0·369 | 0·358 | 0·349 | 0·346 | 0·343 | 0·324 | 0·316 | 0·286 | 0·264 | 0·238 | 0·215 | 0·190 | 0·171 | 0·132 | 0·104 | 0·077 | 0·067 | 0·037 | 0·004 | 0·000 | 0·245 |
| 21 | 0·000 | 9·987 | 9·981 | 9·973 | 9·965 | 9·949 | 9·939 | 9·937 | 9·923 | 9·913 | 9·914 | 9·914 | 9·910 | 9·894 | 9·877 | 9·862 | 9·846 | 9·825 | 9·808 | 9·808 | 9·805 | 9·808 | 9·812 | 9·810 | 9·809 | 9·890 |
| 22 | 9·809 | 9·823 | 9·835 | 9·850 | 9·864 | 9·877 | 9·894 | 9·907 | 9·924 | 9·940 | 9·955 | 9·966 | 9·980 | 9·989 | 9·999 | 0·004 | 0·013 | 0·029 | 0·037 | 0·042 | 0·048 | 0·058 | 0·066 | 0·068 | 0·067 | 9·963 |
| 23 | 0·067 | 0·063 | 0·057 | 0·054 | 0·051 | 0·054 | 0·066 | 0·082 | 0·087 | 0·099 | 0·108 | 0·101 | 0·092 | 0·091 | 0·079 | 0·076 | 0·066 | 0·051 | 0·031 | 0·016 | 9·999 | 9·991 | 9·971 | 9·947 | 9·911 | 0·051 |
| 24 | 9·911 | 9·886 | 9·853 | 9·825 | 9·789 | 9·759 | 9·731 | 9·722 | 9·706 | 9·721 | 9·729 | 9·726 | 9·722 | 9·720 | 9·712 | 9·711 | 9·702 | 9·687 | 9·676 | 9·660 | 9·671 | 9·677 | 9·677 | 9·672 | 9·655 | 9·730 |
| 25 | 9·655 | 9·651 | 9·639 | 9·637 | 9·634 | 9·644 | 9·654 | 9·663 | 9·676 | 9·692 | 9·710 | 9·721 | 9·738 | 9·749 | 9·768 | 9·773 | 9·789 | 9·800 | 9·813 | 9·831 | 9·852 | 9·877 | 9·894 | 9·909 | 9·934 | 9·746 |
| 26 | 9·934 | 9·948 | 9·967 | 9·983 | 0·007 | 0·029 | 0·051 | 0·088 | 0·116 | 0·149 | 0·169 | 0·184 | 0·199 | 0·220 | 0·234 | 0·249 | 0·264 | 0·279 | 0·287 | 0·303 | 0·317 | 0·338 | 0·353 | 0·357 | 0·359 | 0·177 |
| 27 | 0·359 | 0·372 | 0·376 | 0·373 | 0·378 | 0·392 | 0·406 | 0·418 | 0·431 | 0·436 | 0·435 | 0·433 | 0·426 | 0·420 | 0·412 | 0·423 | 0·418 | 0·413 | 0·403 | 0·403 | 0·401 | 0·409 | 0·418 | 0·414 | 0·414 | 0·408 |
| 28 | 0·414 | 0·

VALENCIA. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4 | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 15 | 12 | 15 | 11 | 15 | 4 | — | 2 | — | 2 | 13 | 4 | 13 | 6 | 13 | 6 | 12 | 7 | 9 | 6 | 12 | 7 | 11 | 10 |
| 2 | 11 | 21 | 12 | 14 | 11 | 10 | 7 | 13 | 4 | 15 | 20 | 12 | 15 | 5 | 16 | 10 | 16 | 7 | 15 | 8 | — | 3 | — | 2 |
| 3 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 14 | 4 | 15 | 5 | 16 | 7 |
| 4 | 7 | 12 | 7 | 8 | 11 | 14 | 9 | 12 | 11 | 15 | 11 | 18 | 12 | 18 | 14 | 15 | 15 | 13 | 15 | 12 | 15 | 15 | 15 | 15 |
| 5 | 15 | 13 | 15 | 12 | 15 | 9 | 15 | 10 | 14 | 10 | 15 | 7 | 16 | 7 | 19 | 7 | 20 | 10 | 19 | 10 | 19 | 10 | 20 | 12 |
| 6 | 25 | 4 | 24 | 9 | 23 | 10 | 23 | 10 | 24 | 20 | 25 | 24 | 24 | 17 | 24 | 17 | 24 | 18 | 24 | 20 | 24 | 19 | 24 | 18 |
| 7 | 22 | 14 | 22 | 9 | 18 | 4 | 18 | 4 | — | 2 | — | 2 | 14 | 5 | 15 | 5 | 16 | 9 | 15 | 9 | 14 | 12 | 14 | 15 |
| 8 | 16 | 11 | 16 | 10 | 16 | 10 | 15 | 10 | 15 | 12 | 15 | 13 | 15 | 18 | 15 | 18 | 15 | 20 | 15 | 18 | 15 | 18 | 15 | 21 |
| 9 | 20 | 10 | 20 | 8 | 17 | 8 | 17 | 8 | 19 | 7 | 17 | 7 | 16 | 10 | 17 | 11 | 16 | 10 | 16 | 14 | 15 | 13 | 15 | 15 |
| 10 | 16 | 13 | 16 | 15 | 16 | 15 | 17 | 15 | 18 | 16 | 18 | 16 | 16 | 17 | 18 | 19 | 18 | 18 | 18 | 20 | 18 | 18 | 17 | 21 |
| 11 | 16 | 13 | 16 | 12 | 16 | 11 | 16 | 12 | 16 | 11 | 16 | 12 | 16 | 12 | 16 | 13 | 16 | 10 | 16 | 12 | 15 | 10 | 15 | 11 |
| 12 | 20 | 4 | 20 | 4 | 19 | 4 | 19 | 4 | 18 | 6 | 20 | 8 | 23 | 7 | 23 | 13 | 21 | 14 | 22 | 15 | 22 | 15 | 21 | 20 |
| 13 | 23 | 11 | 24 | 12 | 23 | 12 | 26 | 9 | 26 | 10 | 26 | 5 | 24 | 7 | 24 | 7 | 24 | 4 | 24 | 6 | 24 | 6 | 24 | 8 |
| 14 | 8 | 29 | 8 | 27 | 9 | 26 | 9 | 24 | 9 | 17 | 12 | 8 | 14 | 8 | 12 | 9 | 12 | 10 | 12 | 12 | 13 | 10 | 12 | 12 |
| 15 | — | 2 | — | 2 | — | 1 | — | 2 | 7 | 4 | — | 2 | — | 1 | — | 1 | 7 | 6 | 22 | 10 | 23 | 10 | 22 | 13 |
| 16 | 15 | 8 | 16 | 8 | 16 | 8 | 16 | 9 | 15 | 9 | 16 | 12 | 16 | 12 | 17 | 11 | 17 | 10 | 17 | 11 | 19 | 11 | 19 | 10 |
| 17 | 16 | 14 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 8 | 16 | 10 | 16 | 11 | 16 | 11 | 15 | 13 | 15 | 13 | 15 | 12 | 15 | 12 |
| 18 | 17 | 11 | 17 | 10 | 19 | 12 | 20 | 12 | 20 | 10 | 20 | 10 | 20 | 5 | 20 | 5 | 20 | 6 | 20 | 6 | 21 | 7 | 21 | 5 |
| 19 | 15 | 10 | 15 | 10 | 16 | 11 | 16 | 10 | 18 | 10 | 19 | 12 | 28 | 9 | 32 | 7 | 30 | 9 | 28 | 12 | 29 | 14 | 29 | 15 |
| 20 | — | 1 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 25 | 6 | 25 | 5 | 24 | 7 | 20 | 7 |
| 21 | 27 | 12 | 26 | 14 | 26 | 16 | 25 | 18 | 25 | 17 | 24 | 16 | 24 | 16 | 22 | 20 | 22 | 17 | 25 | 15 | 25 | 20 | 25 | 20 |
| 22 | 28 | 23 | 28 | 21 | 28 | 21 | 29 | 18 | 28 | 16 | 28 | 11 | 28 | 15 | 28 | 20 | 27 | 19 | 28 | 18 | 28 | 21 | 28 | 21 |
| 23 | — | 2 | — | 2 | 19 | 4 | — | 3 | 26 | 10 | 26 | 15 | 26 | 10 | 25 | 11 | 24 | 9 | 24 | 7 | 22 | 10 | 22 | 9 |
| 24 | 16 | 14 | 16 | 15 | 16 | 14 | 16 | 17 | 16 | 17 | 15 | 18 | 17 | 15 | 16 | 15 | 21 | 17 | 21 | 19 | 21 | 18 | 20 | 20 |
| 25 | 21 | 16 | 21 | 13 | 21 | 19 | 21 | 15 | 21 | 10 | 23 | 10 | 22 | 10 | 22 | 10 | 21 | 10 | 21 | 11 | 20 | 12 | 21 | 15 |
| 26 | 21 | 15 | 21 | 10 | 21 | 10 | 21 | 12 | 21 | 11 | 21 | 12 | 21 | 13 | 22 | 12 | 22 | 9 | 22 | 10 | 22 | 7 | 22 | 4 |
| 27 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | 14 | 5 | 14 | 6 | 15 | 4 | 13 | 4 |
| 28 | 10 | 9 | 11 | 5 | — | 1 | — | 1 | — | 2 | — | 2 | — | 3 | 12 | 4 | 13 | 7 | 14 | 7 | 15 | 9 | 14 | 9 |
| 29 | 22 | 4 | 22 | 4 | — | 0 | — | 2 | — | 3 | 2 | 4 | — | 2 | — | 0 | — | 0 | 8 | 5 | 10 | 5 | 13 | 10 |
| 30 | — | 2 | — | 3 | 2 | 4 | 2 | 5 | — | 3 | — | 2 | — | 2 | — | 3 | 5 | 12 | 5 | 12 | 5 | 10 | 3 | 11 |
| 31 | — | 2 | — | 1 | — | 0 | — | 0 | — | 1 | — | 1 | — | 1 | — | 0 | — | 2 | — | 3 | 24 | 4 | — | 2 |
| Mean ... | — | 10 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 10 | — | 11 | — | 11 | — | 12 |
| Mean, 1881–1905. | — | 9·2 | — | 9·1 | — | 9·1 | — | 9·1 | — | 9·1 | — | 9·1 | — | 9·7 | — | 10·4 | — | 11·4 | — | 12·2 | — | 12·3 | — | 13·6 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

VALENCIA. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. MAY, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 2 | — | — | — | — | — | — | — | — | — | 03 | 05 | 04 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | 15 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | 02 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 04 | 12 | 21 | 02 | 05 | 09 | 04 | 60 |
| 5 | — | 01 | 20 | 04 | 01 | — | — | — | — | — | — | — | — | — | — | 02 | — | — | 03 | 02 | — | 01 | — | 01 | 35 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 02 | 06 | 03 | — | — | — | — | — | — | 13 |
| 8 | — | 02 | 08 | 07 | 05 | 23 | 03 | 04 | — | 01 | 02 | 03 | 07 | 04 | — | — | — | — | — | — | 06 | — | — | — | 75 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 | — | — | — | 01 | — | — | — | 03 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | 01 | 03 |
| 11 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | 03 |
| 12 | — | — | — | — | — | 01 | — | 03 | — | — | — | — | — | — | — | — | — | 02 | — | — | — | 05 | 01 | 01 | 14 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 04 | 03 | 10 |
| 14 | 02 | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 06 |
| 15 | — | — | — | — | — | — | — | — | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 |
| 16 | — | — | — | — | — | — | — | 01 | 07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 03 |
| 18 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 19 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 20 | 02 | 03 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 21 | — | — | — | — | — | — | — | — | 03 | 02 | — | 02 | — | 01 | — | 02 | 02 | 02 | — | — | — | 01 | 03 | 01 | 19 |
| 22 | 01 | 02 | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 23 | — | — | — | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 24 | 01 | — | — | — | — | 10 | 42 | 09 | — | — | — | — | — | — | — | — | — | — | 08 | 03 | — | 01 | — | — | 74 |
| 25 | — | — | 02 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 05 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 06 | 08 | 31 | 18 | 08 | 35 | 48 | 18 | 06 | 17 | 07 | 09 | 09 | 07 | 05 | 06 | 11 | 11 | 23 | 28 | 09 | 16 | 18 | 12 | 3·66 |
| Average 1871–1905. | ·135 | ·153 | ·179 | ·166 | ·158 | ·157 | ·156 | ·143 | ·145 | ·131 | ·081 | ·126 | ·107 | ·089 | ·092 | ·096 | ·114 | ·100 | ·113 | ·110 | ·108 | ·120 | ·099 | ·129 | 3·000 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. MAY, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | |
| 1 | 11 | 13 | 10 | 14 | 11 | 15 | 9 | 14 | 11 | 15 | 10 | 15 | 10 | 18 | 10 | 21 | 10 | 21 | 10 | 24 | 12 | 22 | 9 | 22 | 12 | 1 |
| 2 | 18 | 6 | 19 | 5 | 21 | 5 | — | 3 | 21 | 5 | 21 | 7 | 21 | 5 | 21 | 4 | 21 | 4 | — | 2 | — | 2 | — | 1 | 7 | 2 |
| 3 | 16 | 7 | 16 | 7 | 15 | 8 | 15 | 10 | 15 | 9 | 15 | 7 | 15 | 10 | 13 | 4 | 13 | 6 | — | 3 | 11 | 10 | 8 | 13 | 5 | 3 |
| 4 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 17 | 15 | 15 | 15 | 16 | 13 | 18 | 13 | 18 | 15 | 16 | 15 | 10 | 15 | 15 | 15 | 15 | 4 | 4 |
| 5 | 16 | 13 | 15 | 11 | 15 | 13 | 15 | 12 | 15 | 12 | 17 | 12 | 16 | 10 | 16 | 8 | 16 | 5 | 16 | 4 | 13 | 4 | — | 1 | 9 | 5 |
| 6 | 23 | 20 | 23 | 21 | 24 | 19 | 24 | 20 | 24 | 17 | 23 | 17 | 23 | 16 | 24 | 15 | 24 | 13 | 25 | 12 | 23 | 12 | 22 | 8 | 16 | 6 |
| 7 | 12 | 14 | 14 | 17 | 14 | 17 | 14 | 15 | 15 | 13 | 15 | 15 | 17 | 18 | 16 | 16 | 16 | 14 | 16 | 12 | 17 | 12 | 16 | 10 | 11 | 7 |
| 8 | 15 | 20 | 16 | 20 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 19 | 17 | 17 | 17 | 16 | 19 | 17 | 20 | 10 | 20 | 10 | 17 | 12 | 16 | 8 |
| 9 | 15 | 21 | 15 | 22 | 15 | 23 | 15 | 22 | 20 | 25 | 21 | 22 | 21 | 15 | 20 | 14 | 21 | 15 | 16 | 12 | 16 | 12 | 19 | 15 | 14 | 9 |
| 10 | 18 | 21 | 18 | 21 | 18 | 20 | 18 | 18 | 19 | 18 | 17 | 16 | 17 | 13 | 17 | 15 | 17 | 12 | 17 | 13 | 17 | 13 | 16 | 14 | 17 | 10 |
| 11 | 15 | 10 | 15 | 10 | 18 | 9 | 20 | 9 | 20 | 8 | 21 | 10 | 21 | 8 | 21 | 5 | 21 | 4 | — | 3 | 20 | 4 | — | 3 | 9 | 11 |
| 12 | 22 | 17 | 22 | 21 | 21 | 20 | 21 | 19 | 21 | 21 | 21 | 18 | 21 | 19 | 21 | 18 | 21 | 18 | 22 | 15 | 22 | 15 | 24 | 9 | 14 | 12 |
| 13 | 21 | 9 | 18 | 7 | 16 | 7 | 14 | 10 | 15 | 10 | 12 | 12 | 12 | 13 | 10 | 16 | 10 | 20 | 9 | 20 | 9 | 21 | 9 | 8 | 11 | 13 |
| 14 | 12 | 10 | 8 | 10 | 9 | 7 | 8 | 9 | 28 | 12 | 28 | 14 | 30 | 14 | 31 | 8 | — | 2 | 3 | 4 | 7 | 4 | — | 1 | 12 | 14 |
| 15 | 23 | 14 | 23 | 12 | 22 | 15 | 22 | 15 | 22 | 12 | 22 | 12 | 22 | 12 | 22 | 7 | 22 | 4 | 17 | 6 | 16 | 6 | 16 | 8 | 7 | 15 |
| 16 | 18 | 10 | 16 | 11 | 15 | 11 | 15 | 12 | 15 | 12 | 15 | 12 | 15 | 12 | 15 | 12 | 15 | 12 | 15 | 13 | 16 | 14 | 16 | 14 | 11 | 16 |
| 17 | 15 | 13 | 16 | 15 | 16 | 16 | 16 | 15 | 17 | 15 | 16 | 16 | 16 | 15 | 16 | 13 | 16 | 14 | 16 | 14 | 16 | 13 | 18 | 12 | 13 | 17 |
| 18 | 23 | 7 | 23 | 7 | 23 | 7 | 23 | 4 | 22 | 4 | 22 | 4 | 15 | 7 | 15 | 6 | 15 | 7 | 15 | 5 | 15 | 7 | 15 | 10 | 7 | 18 |
| 19 | 29 | 13 | 26 | 12 | 26 | 10 | 27 | 12 | 27 | 10 | 27 | 11 | 26 | 8 | 27 | 6 | — | 3 | — | 1 | — | 2 | — | 2 | 9 | 19 |
| 20 | 20 | 9 | 20 | 10 | 20 | 11 | 20 | 15 | 20 | 12 | 18 | 10 | 17 | 11 | 16 | 10 | 16 | 9 | 17 | 9 | 18 | 15 | 23 | 12 | 7 | 20 |
| 21 | 24 | 25 | 24 | 21 | 23 | 24 | 25 | 25 | 24 | 23 | 24 | 25 | 25 | 32 | 25 | 34 | 24 | 33 | 25 | 33 | 25 | 32 | 26 | 26 | 22 | 21 |
| 22 | 28 | 19 | 28 | 20 | 28 | 18 | 28 | 16 | 27 | 15 | 27 | 11 | 28 | 7 | — | 2 | — | 2 | — | 0 | — | 1 | — | 2 | 14 | 22 |
| 23 | 20 | 10 | 21 | 14 | 22 | 17 | 21 | 15 | 21 | 12 | 19 | 9 | 16 | 10 | 17 | 10 | 16 | 11 | 17 | 12 | 16 | 12 | 17 | 16 | 14 | 23 |
| 24 | 20 | 18 | 20 | 21 | 20 | 21 | 20 | 21 | 20 | 19 | 20 | 20 | 20 | 22 | 21 | 19 | 21 | 12 | 21 | 16 | 21 | 14 | 21 | 15 | 17 | 24 |
| 25 | 22 | 12 | 22 | 10 | 20 | 14 | 20 | 14 | 20 | 12 | 20 | 11 | 20 | 12 | 21 | 12 | 21 | 10 | 20 | 10 | 20 | 12 | 21 | 14 | 12 | 25 |
| 26 | 22 | 7 | 22 | 9 | 23 | 9 | 23 | 7 | 23 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 0 | 7 | 26 |
| 27 | 8 | 7 | 11 | 7 | 22 | 10 | 17 | 6 | 16 | 8 | 14 | 10 | 13 | 10 | 8 | 12 | 9 | 16 | 10 | 14 | 10 | 12 | 9 | 9 | 6 | 27 |
| 28 | 14 | 12 | 14 | 13 | 16 | 10 | 16 | 9 | 16 | 10 | 16 | 10 | 16 | 5 | 16 | 6 | — | 3 | — | 2 | — | 2 | — | 2 | 6 | 28 |
| 29 | 21 | 9 | 20 | 6 | 18 | 5 | 17 | 7 | 16 | 4 | 26 | 7 | 26 | 6 | 26 | 7 | 27 | 4 | 27 | 4 | 27 | 4 | — | 2 | 4 | 29 |
| 30 | 2 | 14 | 2 | 15 | 2 | 14 | 3 | 11 | 6 | 4 | — | 2 | 26 | 4 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | 6 | 30 |
| 31 | 27 | 8 | 27 | 7 | 26 | 6 | 25 | 7 | 27 | 6 | 27 | 5 | — | 3 | — | 0 | — | 0 | — | 1 | — | 3 | 7 | 5 | 3 | 31 |
| | — | 13 | — | 13 | — | 13 | — | 13 | — | 12 | — | 12 | — | 12 | — | 11 | — | 10 | — | 9 | — | 10 | — | 10 | 11 | |
| | — | 14·0 | — | 14·1 | — | 14·2 | — | 14·0 | — | 13·6 | — | 12·7 | — | 11·7 | — | 10·5 | — | 9·7 | — | 9·2 | — | 9·2 | — | 9·2 | 11·1 | Mean, 1881–1905. |

VALENCIA. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. MAY, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·5 | — | 13·4 | Fine day, with clear atmosphere. |
| 2 | — | — | ·5 | ·4 | ·3 | — | — | — | — | — | — | — | — | — | — | — | — | 1·2 | Dull, misty day, with ● 10h.–14h. |
| 3 | — | — | — | — | — | — | — | — | — | ·1 | ·1 | ·2 | ·2 | ·7 | ·8 | — | — | 2·1 | A.M. dull; P.M. finer, but ≋. |
| 4 | — | — | — | — | — | — | — | ·5 | ·3 | ·5 | ·3 | ·4 | ·1 | — | — | — | — | 2·1 | Dull morning, improving in afternoon; ●2 |
| 5 | — | — | — | — | — | — | — | — | — | ·1 | ·4 | — | — | ·5 | ·5 | — | — | 1·5 | Dull day, with ● early and late. [at night. |
| 6 | — | — | ·2 | ·2 | — | ·7 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | 10·2 | Fair to fine during day; dull later. [with ●. |
| 7 | — | ·1 | ·9 | ·3 | — | — | — | — | — | — | — | — | — | — | — | — | — | 1·3 | Fair at first, becoming overcast and gloomy, |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·4 | — | — | — | 0·4 | Dull day, with ≋ and ●2; clearing at night. |
| 9 | — | ·4 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | ·4 | 1·0 | ·2 | — | — | 8·9 | Bright and fine to gloomy-looking; ●9; 🌧. |
| 10 | — | ·1 | ·6 | ·9 | ·2 | ·7 | ·7 | 1·0 | ·8 | ·8 | 1·0 | 1·0 | ·8 | 1·0 | ·8 | ·5 | — | 10·9 | Rather unsettled-looking A.M., fine to dull [later. |
| 11 | — | — | ·2 | ·1 | ·1 | ·1 | — | ·1 | — | ·3 | ·4 | ·9 | ·8 | ·4 | ·7 | ·6 | — | 4·7 | Gloomy to fair. |
| 12 | — | ·2 | — | ·4 | — | ·6 | ·8 | ·8 | ·1 | ·5 | ·7 | ·7 | ·8 | ·6 | — | — | — | 6·2 | ● showers during day, with fair intervals. |
| 13 | — | — | — | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | — | 0·4 | Cloudy day, with clear atmosphere; ● at |
| 14 | — | — | ·1 | ·4 | ·2 | ·2 | ·1 | ·6 | ·1 | ·2 | — | — | — | ·2 | — | — | — | 2·1 | A.M. dull to fair; P.M. fair to dull. [night. |
| 15 | — | ·4 | 1·0 | ·7 | ·3 | — | ·1 | — | ·5 | — | — | — | ·4 | 1·0 | 1·0 | ·2 | — | 5·6 | Misty showery morning, fair later. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and ≋ all day. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day; ≋. |
| 18 | — | — | — | — | — | — | — | — | — | ·1 | ·05 | ·05 | ·6 | ·1 | — | — | — | 0·9 | Overcast and ≋9 A.M.; brightening later. |
| 19 | — | — | — | ·1 | ·1 | ·2 | ·1 | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·7 | 1·0 | ·7 | — | 7·6 | Dull to fine. |
| 20 | — | ·1 | ·1 | — | — | ·5 | ·9 | ·8 | ·6 | ·2 | ·8 | ·7 | ·7 | 1·0 | 1·0 | ·2 | — | 7·6 | ⊂, fair most of day. [△, ●, 🌧. |
| 21 | — | ·2 | 1·0 | 1·0 | ·9 | — | ·8 | ·8 | 1·0 | ·5 | ·1 | — | — | — | — | — | — | 6·3 | A.M. fair intervals and △ showers; P.M. |
| 22 | — | — | — | ·05 | ·2 | — | ·4 | — | — | — | ·05 | ·9 | 1·0 | 1·0 | 1·0 | ·7 | — | 5·3 | Showery to fair; dull evening. |
| 23 | — | — | — | — | ·6 | ·6 | ·6 | ·8 | ·7 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | 7·0 | Fair. |
| 24 | — | — | — | — | — | ·9 | ·8 | ·6 | 1·0 | 1·0 | ·9 | 1·0 | ·9 | ·7 | — | — | — | 7·8 | ●2 about 7h. and 19h.; fair between. |
| 25 | — | — | — | — | ·05 | — | ·05 | ·2 | ·8 | ·1 | — | — | — | — | — | — | — | 1·2 | Dull day; ≋9 at night. |
| 26 | — | — | — | — | — | — | ·05 | — | ·05 | — | — | — | — | — | — | — | — | 0·1 | Overcast and misty. |
| 27 | — | — | — | — | — | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | 7·8 | Dull to fine and bright. |
| 28 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | 14·4 | Fine warm day, with ∞. |
| 29 | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | ·8 | ·9 | 1·0 | 1·0 | ·7 | — | 13·2 | ∞, fine. |
| 30 | — | ·3 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·1 | — | ·1 | ·1 | — | — | — | 9·1 | Fine and hazy to dull and heavy-looking. |
| 31 | — | — | ·1 | 1·0 | ·6 | ·5 | — | ·6 | ·7 | ·4 | ·4 | 1·0 | ·9 | ·2 | ·6 | ·5 | — | 7·5 | Fair day, with ∞; ≋9 at night. |
| | — | 3·0 | 9·4 | 10·55 | 8·55 | 10·4 | 11·4 | 12·7 | 14·25 | 12·9 | 12·0 | 13·75 | 13·8 | 14·4 | 12·7 | 6·8 | 0·2 | 166·8 | Total. |
| | 0·02 | 4·78 | 11·74 | 14·21 | 14·87 | 15·56 | 15·95 | 16·16 | 16·85 | 17·07 | 16·98 | 16·93 | 16·43 | 15·28 | 12·73 | 7·03 | 0·17 | 212·77 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MAY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 51·6 | 51·4 | 51·8 | 51·4 | 50·9 | 51·9 | 51·4 | 55·5 | 58·9 | 61·8 | 62·7 | 63·8 | 64·6 | 65·3 | 64·9 | 64·6 | 64·9 | 65·3 | 64·3 | 62·9 | 61·7 | 61·5 | 60·7 | 60·5 | 60·6 | 59·5 |
| 2 | 60·6 | 60·7 | 59·8 | 59·4 | 57·0 | 57·4 | 59·4 | 59·3 | 58·7 | 59·5 | 58·5 | 57·6 | 57·9 | 57·8 | 56·4 | 55·7 | 56·0 | 56·3 | 56·2 | 55·4 | 54·2 | 53·7 | 53·3 | 52·9 | 52·7 | 57·1 |
| 3 | 52·7 | 52·7 | 52·0 | 51·8 | 51·5 | 51·3 | 51·2 | 51·6 | 51·6 | 52·7 | 53·9 | 54·4 | 54·8 | 55·8 | 56·9 | 56·9 | 56·3 | 56·5 | 56·4 | 53·3 | 51·6 | 51·0 | 50·1 | 50·5 | 51·4 | 53·2 |
| 4 | 51·4 | 50·2 | 50·3 | 50·8 | 50·4 | 51·3 | 51·5 | 52·2 | 52·6 | 52·9 | 54·8 | 54·5 | 56·0 | 56·7 | 56·9 | 56·7 | 57·3 | 56·1 | 54·2 | 52·9 | 52·9 | 52·4 | 52·2 | 51·6 | 51·5 | 53·3 |
| 5 | 51·5 | 51·6 | 51·5 | 51·4 | 50·9 | 50·9 | 50·9 | 51·4 | 52·4 | 52·7 | 53·9 | 54·9 | 54·3 | 54·3 | 55·3 | 55·8 | 52·9 | 52·9 | 54·5 | 53·3 | 51·5 | 51·1 | 51·0 | 51·0 | 50·4 | 52·6 |
| 6 | 50·4 | 50·5 | 50·4 | 50·3 | 50·3 | 50·1 | 49·8 | 50·2 | 50·4 | 51·2 | 51·5 | 52·9 | 51·4 | 52·9 | 53·3 | 53·5 | 53·1 | 52·7 | 51·4 | 50·6 | 48·6 | 47·9 | 47·7 | 47·3 | 44·7 | 50·6 |
| 7 | 44·7 | 46·2 | 46·2 | 45·0 | 44·0 | 43·2 | 42·5 | 47·0 | 50·5 | 51·0 | 53·9 | 54·5 | 54·6 | 55·8 | 55·2 | 53·9 | 53·5 | 52·9 | 53·5 | 53·8 | 53·4 | 53·1 | 53·0 | 53·2 | 52·9 | 50·8 |
| 8 | 52·9 | 53·0 | 52·9 | 53·0 | 52·7 | 52·7 | 52·4 | 52·6 | 52·5 | 52·8 | 52·7 | 53·0 | 52·8 | 52·9 | 53·4 | 53·7 | 53·8 | 54·7 | 55·7 | 54·2 | 53·1 | 52·4 | 50·7 | 48·9 | 49·5 | 52·8 |
| 9 | 49·5 | 48·9 | 48·2 | 47·4 | 48·2 | 47·4 | 46·6 | 50·5 | 52·5 | 54·7 | 55·2 | 55·7 | 55·7 | 55·9 | 55·2 | 53·6 | 53·8 | 52·7 | 51·1 | 49·5 | 48·6 | 47·8 | 46·2 | 45·7 | 46·6 | 50·8 |
| 10 | 46·6 | 46·8 | 47·3 | 47·4 | 46·8 | 48·3 | 47·7 | 48·8 | 51·3 | 51·4 | 53·1 | 53·8 | 54·8 | 55·3 | 54·9 | 55·8 | 55·3 | 53·9 | 53·1 | 51·9 | 51·3 | 49·9 | 50·4 | 49·5 | 50·2 | 51·1 |
| 11 | 50·2 | 49·6 | 49·7 | 49·7 | 49·4 | 49·9 | 49·2 | 50·6 | 52·1 | 51·6 | 53·2 | 53·7 | 53·8 | 54·7 | 55·9 | 55·2 | 54·6 | 55·3 | 53·8 | 53·5 | 51·0 | 48·5 | 48·1 | 47·4 | 48·1 | 51·7 |
| 12 | 48·1 | 47·9 | 47·1 | 46·5 | 46·5 | 46·9 | 46·9 | 48·7 | 48·7 | 50·6 | 52·4 | 54·4 | 54·6 | 53·7 | 53·9 | 54·8 | 55·1 | 55·3 | 53·2 | 50·8 | 50·7 | 49·9 | 49·4 | 49·7 | 48·5 | 50·7 |
| 13 | 48·5 | 49·3 | 49·5 | 49·4 | 49·2 | 49·4 | 49·3 | 50·4 | 50·9 | 51·7 | 54·9 | 54·4 | 54·5 | 55·8 | 54·6 | 54·9 | 53·6 | 53·8 | 53·2 | 51·9 | 51·6 | 51·3 | 50·3 | 50·2 | 50·3 | 51·8 |
| 14 | 50·3 | 49·8 | 49·7 | 49·9 | 50·5 | 51·2 | 50·4 | 51·4 | 53·1 | 53·9 | 54·7 | 54·6 | 55·2 | 56·3 | 55·1 | 55·7 | 54·8 | 51·8 | 52·2 | 53·0 | 51·9 | 51·4 | 50·7 | 49·9 | 49·2 | 52·4 |
| 15 | 49·2 | 48·1 | 45·3 | 45·5 | 43·2 | 41·7 | 42·8 | 48·1 | 50·7 | 54·9 | 52·5 | 53·5 | 54·8 | 55·9 | 55·4 | 56·1 | 55·8 | 56·5 | 55·4 | 53·9 | 51·7 | 50·9 | 49·3 | 49·9 | 50·7 | 50·9 |
| 16 | 50·7 | 51·2 | 51·4 | 51·7 | 51·9 | 51·9 | 52·7 | 52·9 | 53·5 | 53·7 | 54·6 | 54·8 | 56·1 | 56·5 | 56·3 | 55·5 | 55·4 | 54·8 | 53·8 | 53·8 | 53·8 | 53·5 | 53·4 | 53·0 | 53·9 | 53·7 |
| 17 | 53·0 | 53·9 | 53·7 | 53·8 | 53·5 | 53·3 | 53·0 | 53·4 | 54·2 | 54·4 | 54·1 | 54·2 | 54·9 | 55·1 | 55·7 | 55·9 | 55·8 | 56·2 | 55·1 | 54·5 | 53·9 | 53·8 | 53·6 | 53·8 | 53·5 | 54·3 |
| 18 | 53·5 | 53·6 | 53·5 | 53·7 | 53·7 | 53·7 | 53·4 | 53·3 | 53·9 | 55·2 | 56·1 | 57·7 | 58·9 | 58·8 | 59·0 | 59·9 | 60·5 | 59·9 | 58·9 | 56·0 | 55·4 | 54·5 | 54·2 | 54·1 | 53·5 | 55·9 |
| 19 | 53·5 | 53·3 | 53·1 | 53·0 | 53·0 | 53·5 | 53·2 | 50·8 | 53·4 | 54·4 | 53·2 | 53·2 | 53·3 | 53·7 | 54·9 | 55·0 | 55·3 | 54·2 | 54·2 | 53·7 | 52·1 | 51·1 | 49·9 | 49·7 | 49·6 | 53·0 |
| 20 | 49·6 | 47·5 | 46·8 | 46·8 | 46·1 | 46·3 | 47·4 | 49·5 | 51·6 | 52·2 | 54·8 | 56·4 | 56·5 | 56·6 | 56·3 | 57·9 | 56·1 | 57·3 | 54·9 | 53·0 | 51·4 | 49·9 | 51·1 | 51·8 | 48·8 | 52·0 |
| 21 | 48·8 | 47·7 | 48·2 | 47·9 | 47·4 | 46·9 | 47·4 | 48·7 | 50·3 | 49·0 | 44·5 | 48·9 | 49·8 | 50·7 | 49·5 | 51·6 | 46·7 | 47·4 | 48·6 | 49·3 | 49·7 | 49·7 | 48·7 | 48·1 | 48·4 | 48·6 |
| 22 | 48·4 | 48·7 | 48·5 | 48·6 | 47·8 | 48·2 | 48·4 | 49·1 | 48·3 | 49·7 | 50·3 | 51·7 | 51·1 | 51·7 | 51·5 | 51·9 | 52·9 | 53·7 | 52·0 | 51·3 | 50·4 | 48·6 | 48·4 | 48·4 | 48·8 | 50·0 |
| 23 | 48·8 | 49·1 | 49·2 | 49·5 | 49·5 | 50·4 | 50·5 | 50·7 | 51·5 | 53·2 | 55·7 | 57·0 | 56·8 | 58·8 | 58·3 | 58·7 | 59·5 | 58·2 | 56·4 | 54·9 | 53·9 | 53·6 | 53·6 | 53·6 | 53·5 | 53·9 |
| 24 | 53·5 | 53·4 | 53·2 | 52·9 | 52·9 | 52·3 | 51·7 | 49·8 | 52·3 | 54·1 | 53·4 | 55·9 | 56·3 | 56·8 | 56·5 | 56·8 | 57·1 | 56·5 | 55·2 | 53·4 | 50·5 | 50·1 | 49·8 | 49·7 | 50·4 | 53·3 |
| 25 | 50·4 | 50·5 | 50·7 | 50·5 | 50·2 | 49·7 | 50·2 | 51·3 | 52·3 | 53·4 | 54·6 | 55·7 | 55·6 | 56·8 | 57·9 | 57·8 | 55·7 | 54·9 | 54·6 | 54·0 | 53·4 | 52·7 | 52·3 | 52·7 | 52·3 | 53·3 |
| 26 | 52·3 | 52·7 | 52·1 | 52·5 | 52·9 | 52·9 | 53·7 | 54·6 | 54·0 | 56·2 | 56·3 | 58·4 | 59·7 | 61·6 | 60·0 | 59·4 | 57·8 | 58·4 | 57·9 | 57·8 | 57·2 | 56·0 | 56·2 | 55·9 | 55·8 | 56·3 |
| 27 | 55·8 | 55·9 | 56·7 | 56·7 | 56·3 | 55·5 | 54·9 | 55·5 | 56·6 | 59·4 | 60·5 | 62·3 | 63·8 | 63·9 | 65·8 | 62·8 | 66·7 | 67·6 | 64·8 | 64·3 | 61·8 | 60·1 | 59·3 | 58·1 | 57·8 | 60·2 |
| 28 | 57·5 | 57·3 | 57·8 | 54·8 | 53·4 | 53·7 | 54·2 | 58·6 | 62·3 | 65·8 | 67·7 | 67·9 | 68·9 | 68·9 | 68·9 | 70·8 | 72·3 | 71·9 | 67·4 | 65·7 | 61·6 | 58·6 | 56·8 | 55·2 | 54·1 | 62·3 |
| 29 | 54·1 | 53·0 | 51·6 | 51·9 | 51·2 | 50·9 | 52·3 | 56·8 | 59·3 | 62·9 | 67·8 | 69·7 | 71·2 | 68·9 | 69·6 | 67·2 | 67·2 | 69·7 | 59·8 | 57·3 | 54·9 | 54·7 | 54·1 | 53·8 | 53·7 | 59·6 |
| 30 | 53·7 | 52·9 | 52·4 | 51·7 | 50·7 | 49·9 | 49·1 | 54·1 | 59·9 | 63·8 | 64·8 | 66·4 | 65·2 | 67·9 | 69·4 | 68·9 | 66·9 | 64·8 | 63·0 | 60·8 | 59·5 | 59·0 | 58·8 | 56·3 | 55·4 | 59·6 |
| 31 | 55·4 | 56·0 | 54·3 | 52·9 | 52·9 | 52·7 | 52·9 | 55·9 | 59·2 | 60·4 | 61·3 | 61·6 | 64·9 | 62·9 | 60·7 | 62·2 | 64·2 | 60·9 | 59·9 | 60·8 | 61·2 | 60·2 | 58·0 | 58·5 | 59·9 | 58·8 |
| Mean ... | 51·6 | 51·4 | 51·1 | 50·9 | 50·5 | 50·5 | 50·6 | 52·1 | 53·5 | 54·8 | 55·8 | 56·6 | 57·2 | 57·7 | 57·7 | 57·7 | 57·4 | 57·2 | 56·0 | 54·9 | 53·7 | 52·9 | 52·3 | 52·0 | 51·8 | 54·0 |
| Mean, 1871–1905. | 49·6 | 49·3 | 49·0 | 48·8 | 48·4 | 48·4 | 48·8 | 50·2 | 51·6 | 53·0 | 54·0 | 54·8 | 55·3 | 55·8 | 56·0 | 56·2 | 56·0 | 55·7 | 54·8 | 53·8 | 52·5 | 51·3 | 50·7 | 50·2 | 49·8 | 52·2 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MAY, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 99 | 97 | 98 | 97 | 99 | 96 | 96 | 91 | 83 | 77 | 73 | 71 | 69 | 65 | 63 | 59 | 59 | 60 | 65 | 66 | 68 | 67 | 71 | 72 | 72 | 77·0 |
| 2 | 72 | 71 | 73 | 72 | 79 | 75 | 68 | 75 | 77 | 78 | 85 | 93 | 94 | 94 | 96 | 95 | 93 | 89 | 90 | 89 | 89 | 87 | 89 | 90 | 90 | 84·3 |
| 3 | 90 | 88 | 90 | 87 | 89 | 89 | 88 | 88 | 83 | 82 | 81 | 81 | 78 | 76 | 75 | 77 | 75 | 77 | 77 | 82 | 87 | 85 | 86 | 85 | 82 | 83·5 |
| 4 | 82 | 83 | 82 | 82 | 84 | 82 | 85 | 89 | 92 | 92 | 89 | 88 | 85 | 82 | 83 | 82 | 86 | 72 | 89 | 95 | 94 | 95 | 97 | 97 | 96 | 87·7 |
| 5 | 96 | 95 | 97 | 97 | 98 | 98 | 98 | 97 | 95 | 91 | 89 | 82 | 82 | 78 | 77 | 94 | 95 | 90 | 92 | 94 | 96 | 97 | 97 | 97 | 97 | 92·7 |
| 6 | 97 | 98 | 98 | 99 | 99 | 97 | 92 | 90 | 90 | 87 | 83 | 82 | 82 | 79 | 76 | 71 | 73 | 72 | 77 | 74 | 78 | 80 | 77 | 78 | 78 | 84·3 |
| 7 | 87 | 77 | 77 | 81 | 84 | 85 | 87 | 86 | 79 | 78 | 70 | 74 | 77 | 75 | 78 | 88 | 91 | 98 | 98 | 97 | 98 | 98 | 99 | 99 | 100 | 86·2 |
| 8 | 100 | 99 | 99 | 99 | 99 | 99 | 99 | 100 | 100 | 98 | 98 | 98 | 98 | 99 | 99 | 98 | 97 | 96 | 92 | 91 | 92 | 95 | 92 | 92 | 91 | 97·0 |
| 9 | 91 | 92 | 92 | 89 | 89 | 89 | 89 | 84 | 80 | 73 | 74 | 76 | 79 | 74 | 76 | 88 | 88 | 86 | 80 | 80 | 81 | 80 | 86 | 85 | 78 | 83·1 |
| 10 | 78 | 81 | 81 | 81 | 83 | 79 | 82 | 82 | 76 | 76 | 75 | 77 | 76 | 74 | 80 | 76 | 77 | 87 | 83 | 86 | 82 | 91 | 89 | 85 | 90 | 81·1 |
| 11 | 90 | 91 | 93 | 93 | 94 | 95 | 92 | 94 | 89 | 89 | 86 | 81 | 81 | 81 | 74 | 84 | 78 | 74 | 77 | 77 | 84 | 88 | 91 | 94 | 92 | 86·3 |
| 12 | 92 | 93 | 95 | 93 | 93 | 92 | 92 | 93 | 92 | 88 | 83 | 83 | 81 | 83 | 82 | 78 | 79 | 77 | 83 | 90 | 89 | 91 | 94 | 94 | 93 | 87·9 |
| 13 | 93 | 95 | 93 | 92 | 91 | 90 | 90 | 90 | 88 | 83 | 79 | 79 | 76 | 74 | 77 | 71 | 76 | 71 | 73 | 73 | 74 | 77 | 82 | 84 | 83 | 82·0 |
| 14 | 83 | 86 | 87 | 86 | 84 | 84 | 90 | 90 | 84 | 82 | 81 | 88 | 83 | 75 | 76 | 72 | 73 | 90 | 88 | 79 | 82 | 87 | 81 | 84 | 87 | 83·2 |
| 15 | 87 | 84 | 92 | 90 | 94 | 94 | 94 | 90 | 89 | 87 | 95 | 95 | 91 | 86 | 85 | 85 | 86 | 82 | 86 | 87 | 92 | 93 | 93 | 94 | 93 | 89·8 |
| 16 | 93 | 96 | 98 | 99 | 98 | 98 | 97 | 99 | 97 | 98 | 97 | 98 | 95 | 94 | 94 | 96 | 97 | 95 | 98 | 99 | 99 | 97 | 98 | 99 | 99 | 97·1 |
| 17 | 99 | 98 | 99 | 98 | 99 | 98 | 99 | 98 | 99 | 98 | 98 | 98 | 96 | 95 | 94 | 95 | 94 | 91 | 94 | 95 | 98 | 98 | 99 | 98 | 100 | 97·0 |
| 18 | 100 | 100 | 100 | 99 | 100 | 99 | 100 | 100 | 100 | 98 | 96 | 94 | 93 | 89 | 87 | 86 | 84 | 82 | 85 | 92 | 95 | 95 | 97 | 97 | 98 | 94·3 |
| 19 | 98 | 99 | 98 | 99 | 100 | 99 | 100 | 96 | 100 | 96 | 93 | 85 | 84 | 76 | 83 | 77 | 78 | 78 | 80 | 79 | 82 | 89 | 93 | 94 | 93 | 88·8 |
| 20 | 94 | 94 | 98 | 97 | 96 | 97 | 96 | 94 | 91 | 80 | 76 | 71 | 71 | 71 | 71 | 69 | 72 | 65 | 69 | 74 | 84 | 87 | 84 | 87 | 92 | 82·8 |
| 21 | 92 | 82 | 83 | 75 | 72 | 71 | 69 | 74 | 71 | 83 | 88 | 75 | 68 | 74 | 80 | 77 | 87 | 89 | 88 | 75 | 70 | 76 | 85 | 89 | 83 | 78·7 |
| 22 | 83 | 73 | 74 | 75 | 78 | 73 | 76 | 82 | 92 | 86 | 80 | 75 | 69 | 70 | 72 | 70 | 66 | 67 | 72 | 74 | 80 | 83 | 90 | 92 | 92 | 77·3 |
| 23 | 92 | 91 | 93 | 95 | 97 | 96 | 91 | 92 | 89 | 83 | 80 | 83 | 83 | 79 | 78 | 79 | 80 | 79 | 84 | 90 | 92 | 91 | 91 | 92 | 90 | 87·5 |
| 24 | 90 | 93 | 94 | 93 | 91 | 89 | 94 | 93 | 94 | 93 | 83 | 80 | 81 | 76 | 74 | 76 | 74 | 74 | 78 | 80 | 93 | 95 | 91 | 92 | 94 | 86·4 |
| 25 | 94 | 93 | 93 | 93 | 96 | 97 | 94 | 93 | 90 | 93 | 88 | 86 | 86 | 81 | 82 | 82 | 88 | 92 | 93 | 94 | 94 | 93 | 85 | 89 | 83 | 90·0 |
| 26 | 83 | 82 | 90 | 87 | 89 | 91 | 88 | 90 | 95 | 90 | 94 | 89 | 86 | 81 | 85 | 88 | 89 | 89 | 91 | 91 | 92 | 94 | 95 | 95 | 95 | 89·6 |
| 27 | 95 | 98 | 93 | 95 | 95 | 97 | 98 | 97 | 95 | 90 | 81 | 78 | 75 | 70 | 69 | 80 | 70 | 69 | 75 | 73 | 76 | 78 | 78 | 79 | 78 | 83·1 |
| 28 | 78 | 78 | 78 | 85 | 88 | 89 | 89 | 80 | 75 | 72 | 68 | 69 | 67 | 61 | 61 | 62 | 61 | 59 | 68 | 71 | 82 | 84 | 87 | 91 | 92 | 75·4 |
| 29 | 92 | 93 | 95 | 95 | 96 | 95 | 93 | 88 | 88 | 83 | 67 | 60 | 64 | 72 | 74 | 76 | 76 | 70 | 82 | 85 | 93 | 93 | 94 | 95 | 97 | 84·0 |
| 30 | 97 | 100 | 97 | 99 | 99 | 99 | 98 | 94 | 81 | 67 | 62 | 64 | 67 | 61 | 60 | 59 | 67 | 75 | 76 | 78 | 83 | 83 | 85 | 87 | 90 | 80·7 |
| 31 | 90 | 86 | 90 | 93 | 93 | 93 | 95 | 94 | 87 | 82 | 80 | 81 | 77 | 75 | 80 | 82 | 79 | 81 | 81 | 82 | 84 | 86 | 91 | 87 | 84 | 85·3 |
| Mean ... | 90·5 | 89·9 | 91·0 | 90·8 | 91·8 | 91·1 | 91·0 | 90·5 | 88·3 | 85·2 | 82·8 | 81·9 | 80·0 | 78·5 | 78·6 | 79·2 | 80·3 | 80·4 | 82·6 | 83·6 | 86·7 | 88·3 | 89·4 | 90·2 | 90·1 | 85·9 |
| Mean, 1886–1905. | 86·4 | 87·0 | 87·0 | 87·3 | 87·6 | 87·8 | 87·3 | 85·1 | 81·4 | 78·2 | 76·3 | 74·5 | 73·5 | 73·5 | 73·1 | 73·5 | 73·3 | 73·4 | 75·8 | 78·0 | 80·9 | 83·2 | 84·7 | 85·9 | 86·4 | 80·6 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. MAY, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity.—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. MAY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·050 | 9·970 | 47·6 | 43·4 | 9 | 9·558 | 9·253 | 61·2 | 46·0 | 17 | 9·997 | 9·862 | 66·9 | 48·4 | 25 | 9·738 | 9·369 | 57·1 | 43·8 |
| 2 | 0·136 | 0·040 | 43·9 | 40·0 | 10 | 9·644 | 9·475 | 59·8 | 45·3 | 18 | 0·165 | 9·911 | 65·9 | 50·8 | 26 | 0·130 | 9·738 | 66·1 | **39·2** |
| 3 | 0·118 | 9·837 | 41·5 | 39·6 | 11 | 9·757 | 9·642 | 59·1 | 47·2 | 19 | 0·164 | 0·009 | 61·9 | 49·0 | 27 | 0·446 | 0·130 | **70·0** | 50·7 |
| 4 | 9·837 | 9·424 | 43·8 | 40·0 | 12 | 9·754 | 9·706 | 50·3 | 43·4 | 20 | 0·128 | 9·890 | 60·6 | 46·6 | 28 | **0·452** | 0·421 | 65·2 | 51·0 |
| 5 | 9·424 | 9·165 | 53·0 | 42·6 | 13 | 9·712 | 9·560 | 49·1 | 44·0 | 21 | 9·890 | 9·507 | 56·2 | 42·7 | 29 | 0·437 | 0·313 | 53·6 | 45·9 |
| 6 | 9·253 | **9·112** | 54·3 | 44·5 | 14 | 9·646 | 9·539 | 50·2 | 45·1 | 22 | 9·847 | 9·482 | 53·7 | 41·2 | 30 | 0·313 | 0·031 | 58·3 | 43·3 |
| 7 | 9·579 | 9·253 | 57·0 | 45·9 | 15 | 9·764 | 9·589 | 47·1 | 45·1 | 23 | 9·925 | 9·845 | 54·7 | 40·4 | 31 | 0·031 | 9·864 | 60·0 | 48·6 |
| 8 | 9·536 | 9·270 | 55·1 | 45·5 | 16 | 9·953 | 9·764 | 50·1 | 43·8 | 24 | 9·860 | 9·438 | 55·1 | 46·6 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 55·9 | 44·8 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. MAY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·976 | 9·970 | 9·974 | 9·971 | 9·977 | 9·985 | 9·989 | 9·996 | 0·009 | 0·011 | 0·021 | 0·017 | 0·018 | 0·017 | 0·020 | 0·022 | 0·026 | 0·029 | 0·034 | 0·036 | 0·045 | 0·043 | 0·049 | 0·049 | 0·050 | 0·013 |
| 2 | 0·050 | 0·046 | 0·045 | 0·043 | 0·048 | 0·056 | 0·063 | 0·072 | 0·088 | 0·102 | 0·109 | 0·121 | 0·132 | 0·126 | 0·127 | 0·120 | 0·127 | 0·134 | 0·133 | 0·133 | 0·129 | 0·124 | 0·118 | 0·101 | | |
| 3 | 0·118 | 0·114 | 0·106 | 0·091 | 0·080 | 0·073 | 0·081 | 0·079 | 0·078 | 0·063 | 0·050 | 0·042 | 0·032 | 0·021 | 0·007 | 9·985 | 9·970 | 9·951 | 9·930 | 9·912 | 9·900 | 9·895 | 9·875 | 9·855 | 9·837 | 0·007 |
| 4 | 9·837 | 9·811 | 9·787 | 9·763 | 9·749 | 9·732 | 9·724 | 9·709 | 9·698 | 9·674 | 9·663 | 9·650 | 9·639 | 9·618 | 9·597 | 9·583 | 9·574 | 9·552 | 9·528 | 9·511 | 9·498 | 9·478 | 9·457 | 9·436 | 9·424 | 9·627 |
| 5 | 9·424 | 9·398 | 9·372 | 9·358 | 9·340 | 9·329 | 9·327 | 9·323 | 9·317 | 9·309 | 9·306 | 9·300 | 9·287 | 9·275 | 9·263 | 9·254 | 9·247 | 9·234 | 9·223 | 9·211 | 9·208 | 9·193 | 9·181 | 9·173 | 9·165 | 9·280 |
| 6 | 9·165 | 9·152 | 9·135 | 9·130 | 9·119 | 9·113 | 9·122 | 9·118 | 9·118 | 9·131 | 9·131 | 9·129 | 9·137 | 9·135 | 9·143 | 9·147 | 9·149 | 9·155 | 9·168 | 9·179 | 9·196 | 9·205 | 9·216 | 9·235 | 9·253 | 9·153 |
| 7 | 9·253 | 9·269 | 9·297 | 9·317 | 9·347 | 9·375 | 9·403 | 9·425 | 9·439 | 9·450 | 9·465 | 9·473 | 9·477 | 9·488 | 9·507 | 9·511 | 9·527 | 9·535 | 9·541 | 9·553 | 9·568 | 9·563 | 9·557 | 9·552 | 9·536 | 9·460 |
| 8 | 9·536 | 9·527 | 9·502 | 9·495 | 9·494 | 9·479 | 9·472 | 9·462 | 9·475 | 9·469 | 9·466 | 9·457 | 9·454 | 9·461 | 9·460 | 9·438 | 9·438 | 9·425 | 9·405 | 9·396 | 9·367 | 9·345 | 9·318 | 9·294 | 9·270 | 9·438 |
| 9 | 9·270 | 9·257 | 9·261 | 9·256 | 9·267 | 9·282 | 9·306 | 9·325 | 9·340 | 9·369 | 9·402 | 9·422 | 9·444 | 9·466 | 9·486 | 9·491 | 9·507 | 9·516 | 9·541 | 9·552 | 9·558 | 9·554 | 9·544 | 9·536 | 9·533 | 9·420 |
| 10 | 9·533 | 9·519 | 9·507 | 9·501 | 9·491 | 9·485 | 9·484 | 9·488 | 9·505 | 9·519 | 9·525 | 9·521 | 9·528 | 9·531 | 9·535 | 9·535 | 9·553 | 9·550 | 9·571 | 9·579 | 9·601 | 9·614 | 9·626 | 9·636 | 9·644 | 9·541 |
| 11 | 9·644 | 9·644 | 9·648 | 9·655 | 9·667 | 9·678 | 9·701 | 9·706 | 9·718 | 9·724 | 9·728 | 9·733 | 9·739 | 9·737 | 9·737 | 9·731 | 9·730 | 9·731 | 9·733 | 9·740 | 9·749 | 9·751 | 9·757 | 9·752 | 9·754 | 9·716 |
| 12 | 9·754 | 9·745 | 9·746 | 9·735 | 9·731 | 9·725 | 9·730 | 9·731 | 9·730 | 9·729 | 9·732 | 9·735 | 9·725 | 9·714 | 9·707 | 9·707 | 9·714 | 9·715 | 9·723 | 9·727 | 9·725 | 9·725 | 9·723 | 9·712 | 9·726 | |
| 13 | 9·712 | 9·702 | 9·696 | 9·689 | 9·675 | 9·671 | 9·670 | 9·664 | 9·659 | 9·653 | 9·649 | 9·638 | 9·628 | 9·620 | 9·608 | 9·595 | 9·583 | 9·582 | 9·580 | 9·580 | 9·579 | 9·574 | 9·570 | 9·561 | 9·561 | 9·627 |
| 14 | 9·561 | 9·556 | 9·554 | 9·548 | 9·543 | 9·546 | 9·555 | 9·563 | 9·579 | 9·582 | 9·594 | 9·601 | 9·606 | 9·600 | 9·609 | 9·611 | 9·616 | 9·615 | 9·625 | 9·632 | 9·639 | 9·644 | 9·645 | 9·637 | 9·631 | 9·596 |
| 15 | 9·631 | 9·621 | 9·616 | 9·606 | 9·594 | 9·589 | 9·592 | 9·592 | 9·597 | 9·600 | 9·608 | 9·604 | 9·606 | 9·606 | 9·618 | 9·626 | 9·635 | 9·647 | 9·656 | 9·672 | 9·699 | 9·719 | 9·749 | 9·750 | 9·764 | 9·637 |
| 16 | 9·764 | 9·773 | 9·789 | 9·805 | 9·819 | 9·836 | 9·847 | 9·860 | 9·887 | 9·892 | 9·891 | 9·902 | 9·902 | 9·908 | 9·911 | 9·920 | 9·924 | 9·921 | 9·928 | 9·931 | 9·926 | 9·928 | 9·936 | 9·944 | 9·953 | 9·885 |
| 17 | 9·953 | 9·950 | 9·948 | 9·931 | 9·911 | 9·887 | 9·876 | 9·870 | 9·882 | 9·881 | 9·884 | 9·891 | 9·908 | 9·919 | 9·943 | 9·954 | 9·979 | 9·981 | 9·992 | 9·993 | 9·994 | 9·990 | 9·967 | 9·953 | 9·935 | 9·935 |
| 18 | 9·935 | 9·914 | 9·918 | 9·911 | 9·933 | 9·935 | 9·969 | 9·983 | 0·009 | 0·013 | 0·016 | 0·024 | 0·042 | 0·045 | 0·056 | 0·067 | 0·078 | 0·082 | 0·096 | 0·112 | 0·138 | 0·148 | 0·157 | 0·158 | 0·160 | 0·035 |
| 19 | 0·160 | 0·160 | 0·161 | 0·161 | 0·153 | 0·143 | 0·141 | 0·131 | 0·137 | 0·126 | 0·118 | 0·095 | 0·088 | 0·072 | 0·058 | 0·040 | 0·027 | 0·011 | 0·012 | 0·013 | 0·026 | 0·036 | 0·032 | 0·044 | 0·041 | 0·087 |
| 20 | 0·041 | 0·049 | 0·061 | 0·071 | 0·084 | 0·100 | 0·110 | 0·117 | 0·128 | 0·124 | 0·115 | 0·103 | 0·090 | 0·074 | 0·059 | 0·044 | 0·028 | 0·012 | 0·996 | 9·993 | 9·981 | 9·962 | 9·943 | 9·912 | 9·890 | 0·047 |
| 21 | 9·890 | 9·870 | 9·843 | 9·820 | 9·780 | 9·769 | 9·746 | 9·720 | 9·702 | 9·685 | 9·667 | 9·644 | 9·626 | 9·604 | 9·593 | 9·572 | 9·556 | 9·555 | 9·547 | 9·532 | 9·521 | 9·520 | 9·526 | 9·519 | 9·507 | 9·651 |
| 22 | 9·507 | 9·494 | 9·487 | 9·483 | 9·488 | 9·488 | 9·493 | 9·497 | 9·518 | 9·536 | 9·560 | 9·584 | 9·600 | 9·601 | 9·617 | 9·646 | 9·673 | 9·699 | 9·730 | 9·746 | 9·776 | 9·803 | 9·820 | 9·835 | 9·847 | 9·619 |
| 23 | 9·847 | 9·854 | 9·861 | 9·874 | 9·887 | 9·891 | 9·905 | 9·915 | 9·922 | 9·923 | 9·921 | 9·912 | 9·898 | 9·893 | 9·897 | 9·896 | 9·895 | 9·892 | 9·897 | 9·891 | 9·893 | 9·891 | 9·887 | 9·869 | 9·860 | 9·892 |
| 24 | 9·860 | 9·849 | 9·834 | 9·818 | 9·801 | 9·793 | 9·781 | 9·771 | 9·748 | 9·729 | 9·713 | 9·688 | 9·669 | 9·641 | 9·609 | 9·573 | 9·557 | 9·546 | 9·525 | 9·508 | 9·499 | 9·482 | 9·472 | 9·460 | 9·438 | 9·655 |
| 25 | 9·438 | 9·417 | 9·394 | 9·376 | 9·383 | 9·390 | 9·406 | 9·431 | 9·438 | 9·450 | 9·464 | 9·468 | 9·477 | 9·491 | 9·507 | 9·529

**ABERDEEN.** TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. MAY, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 13 | 4 | — | 3 | 13 | 4 | 13 | 4 | — | 2 | — | 3 | 13 | 4 | — | 2 | 12 | 4 | 12 | 4 | 12 | 5 | 12 | 6 |
| 2 | 11 | 4 | — | 2 | 11 | 6 | 7 | 7 | 6 | 9 | 7 | 10 | 8 | 10 | 8 | 10 | 8 | 10 | 8 | 10 | 7 | 10 | 7 | 12 |
| 3 | 8 | 6 | 9 | 7 | 9 | 6 | 9 | 7 | 9 | 9 | 10 | 8 | 12 | 8 | 12 | 10 | 12 | 10 | 12 | 10 | 13 | 10 | 13 | 10 |
| 4 | 13 | 9 | 13 | 9 | 12 | 9 | 13 | 9 | 13 | 7 | 13 | 10 | 12 | 10 | 12 | 10 | 10 | 10 | 11 | 9 | 11 | 7 | 12 | 9 |
| 5 | 9 | 7 | 9 | 6 | 9 | 4 | — | 0 | — | 2 | — | 2 | — | 2 | — | 3 | 9 | 4 | 9 | 4 | 9 | 7 | 9 | 8 |
| 6 | 12 | 5 | 12 | 4 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | — | 2 | 12 | 5 | 12 | 9 |
| 7 | 25 | 9 | 25 | 8 | 25 | 10 | 25 | 8 | 25 | 7 | 24 | 7 | 24 | 9 | 24 | 9 | 23 | 9 | 22 | 10 | 22 | 10 | 21 | 12 |
| 8 | 18 | 5 | 18 | 5 | 18 | 7 | 18 | 5 | 18 | 9 | 18 | 6 | 18 | 7 | 19 | 9 | 20 | 4 | 20 | 4 | 17 | 4 | 16 | 6 |
| 9 | 18 | 5 | 19 | 8 | 19 | 7 | 19 | 6 | 19 | 4 | 19 | 4 | 23 | 11 | 24 | 11 | 23 | 11 | 26 | 12 | 24 | 10 | 22 | 7 |
| 10 | — | 2 | 15 | 4 | 18 | 6 | 17 | 7 | 16 | 6 | 17 | 6 | 19 | 6 | 25 | 9 | 25 | 7 | 20 | 7 | 21 | 7 | 20 | 12 |
| 11 | 19 | 4 | 19 | 4 | — | 3 | — | 3 | 19 | 5 | 18 | 5 | 18 | 7 | 20 | 5 | 23 | 4 | 19 | 5 | 18 | 7 | 14 | 11 |
| 12 | — | 2 | — | 2 | 13 | 4 | — | 2 | — | 1 | — | 2 | 13 | 4 | 12 | 5 | 11 | 5 | 11 | 7 | 11 | 6 | 11 | 10 |
| 13 | — | 2 | — | 1 | — | 0 | — | 3 | — | 2 | — | 3 | — | 3 | 14 | 4 | 14 | 4 | 12 | 7 | 12 | 7 | 13 | 7 |
| 14 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 16 | 6 | 15 | 7 | 15 | 6 | 15 | 6 | 15 | 7 | 13 | 7 |
| 15 | 12 | 10 | 12 | 8 | 12 | 9 | 11 | 10 | 11 | 10 | 9 | 11 | 8 | 12 | 8 | 12 | 8 | 11 | 7 | 14 | 6 | 12 | 6 | 12 |
| 16 | 32 | 4 | — | 2 | 32 | 4 | 28 | 6 | 28 | 4 | — | 2 | — | 3 | 8 | 7 | 13 | 7 | 13 | 4 | 15 | 7 | 15 | 8 |
| 17 | 18 | 6 | 18 | 4 | 17 | 4 | 16 | 7 | 15 | 7 | 10 | 7 | 18 | 7 | 18 | 7 | 17 | 7 | 21 | 10 | 21 | 12 | 21 | 14 |
| 18 | 19 | 7 | 19 | 10 | 19 | 7 | 20 | 6 | 21 | 10 | 22 | 10 | 21 | 10 | 22 | 10 | 22 | 12 | 22 | 15 | 23 | 15 | 21 | 15 |
| 19 | 19 | 6 | 20 | 6 | 21 | 5 | 21 | 7 | 21 | 5 | 20 | 5 | 19 | 7 | 20 | 9 | 21 | 5 | 20 | 9 | 19 | 7 | 18 | 8 |
| 20 | 21 | 4 | 21 | 7 | 18 | 8 | 24 | 10 | 24 | 8 | 23 | 7 | 23 | 7 | 24 | 9 | 23 | 8 | 13 | 6 | 20 | 7 | 20 | 5 |
| 21 | 17 | 5 | 17 | 4 | — | 2 | — | 2 | 18 | 5 | 17 | 5 | 15 | 8 | 14 | 9 | 15 | 8 | 15 | 10 | 15 | 9 | 15 | 10 |
| 22 | 23 | 7 | 26 | 5 | 23 | 5 | 24 | 7 | 25 | 7 | 24 | 8 | 24 | 10 | 23 | 11 | 24 | 13 | 25 | 14 | 23 | 10 | 23 | 7 |
| 23 | — | 2 | 30 | 4 | 30 | 6 | — | 3 | — | 2 | — | 2 | — | 3 | 30 | 5 | 15 | 7 | 14 | 10 | 15 | 9 | 16 | 12 |
| 24 | — | 2 | 16 | 4 | 16 | 6 | 17 | 4 | 15 | 6 | 15 | 7 | 17 | 4 | 15 | 8 | 15 | 11 | 16 | 11 | 15 | 11 | 15 | 12 |
| 25 | 15 | 6 | 15 | 8 | 17 | 7 | 20 | 11 | 18 | 10 | 19 | 12 | 20 | 13 | 20 | 15 | 20 | 12 | 20 | 13 | 19 | 12 | 20 | 15 |
| 26 | — | 2 | — | 2 | 23 | 4 | — | 3 | — | 1 | — | 1 | — | 1 | — | 2 | 17 | 4 | 14 | 6 | 22 | 4 | 15 | 4 |
| 27 | — | 3 | 20 | 4 | — | 2 | — | 2 | — | 2 | 19 | 6 | 19 | 8 | 22 | 5 | 25 | 9 | 26 | 8 | 9 | 5 | 12 | 7 |
| 28 | — | 2 | — | 3 | — | 1 | — | 1 | — | 1 | — | 0 | — | 3 | 13 | 6 | 15 | 7 | 14 | 10 | 14 | 10 | 15 | 10 |
| 29 | 14 | 4 | 15 | 4 | 16 | 4 | 15 | 4 | 16 | 4 | 15 | 5 | 16 | 7 | 16 | 6 | 14 | 7 | 14 | 10 | 14 | 11 | 14 | 12 |
| 30 | — | 2 | — | 2 | — | 2 | — | 2 | — | 0 | — | 1 | — | 3 | — | 3 | 9 | 4 | 7 | 4 | 8 | 4 | 7 | 4 |
| 31 | 28 | 5 | 28 | 8 | 28 | 7 | 28 | 8 | 28 | 5 | 30 | 5 | 30 | 5 | 3 | 10 | 3 | 7 | 6 | 6 | 5 | 12 | 7 | 9 |
| Mean ... | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 6 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 |
| Mean, 1881–1905. | — | 6·2 | — | 6·0 | — | 6·0 | — | 6·2 | — | 6·5 | — | 6·9 | — | 7·8 | — | 9·1 | — | 9·9 | — | 10·4 | — | 10·9 | — | 11·1 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**ABERDEEN.** TABLE IV.—Rainfall in Hundredths of English Inches. MAY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | 08 | 05 | 03 | — | — | — | — | 01 | — | — | — | — | — | — | — | 01 | — | — | — | 01 | 01 | — | 20 |
| 2 | — | — | — | 01 | 02 | 01 | 01 | — | — | 01 | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | 08 |
| 3 | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | 02 | 02 | 02 | 01 | 02 | 01 | 01 | 01 | — | 01 | 15 |
| 4 | 02 | 01 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 02 | 06 | 12 | 26 |
| 5 | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 02 | 13 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | — | — | — | — | — | 03 |
| 7 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 05 | 04 | 03 | 01 | 01 | — | 16 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | 01 | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | 02 | 01 | 01 | — | 01 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | 01 | 03 | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 | — | 01 | — | 03 | 11 | 09 | 03 | 31 |
| 22 | 02 | 01 | — | — | — | — | — | — | — | 03 | 01 | — | 01 | 01 | 02 | — | — | 01 | — | — | — | — | — | — | 12 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | 02 |
| 25 | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| Sum ... | 15 | 05 | 13 | 09 | 07 | 03 | 03 | 03 | 01 | 03 | 04 | 01 | 01 | 01 | 03 | 04 | 06 | 07 | 11 | 06 | 08 | 18 | 18 | 18 | 1·68 |
| Average 1871–1905. | ·091 | ·092 | ·088 | ·102 | ·110 | ·138 | ·153 | ·129 | ·137 | ·126 | ·119 | ·108 | ·131 | ·108 | ·130 | ·106 | ·138 | ·108 | ·104 | ·107 | ·109 | ·119 | ·097 | ·096 | 2·745 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



**ABERDEEN.** TABLE V.—Duration of Bright Sunshine in Hours. MAY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋° and ● showers. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●°, ≋°, overcast all day. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with light drizzle to ● most of day. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋°, ●° early; overcast all day; ●° at night. |
| 5 | — | — | — | ·2 | — | — | — | ·5 | ·8 | ·9 | ·4 | ·9 | ·5 | ·7 | — | — | — | 4·9 | Dull to bright, then dull again ; ●, ≋°, [and at 14h. ⊕. |
| 6 | — | — | — | — | — | — | ·3 | ·5 | ·6 | ·4 | — | ·2 | ·1 | — | — | — | — | 2·1 | ≋° early, then cloudy and misty; ⊤ at 15h. |
| 7 | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | — | 13·0 | Fine and bright ; ⋓° 21h.–22h. |
| 8 | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | 0·1 | Cloudy to dull ; ≋°, ●. |
| 9 | — | ·3 | ·5 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | ·7 | ·9 | ·9 | 1·0 | 1·0 | ·8 | — | — | — | 10·9 | Fine day. |
| 10 | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·8 | ·1 | — | — | 11·2 | Very fine and bright. |
| 11 | — | ·4 | ·3 | 1·0 | 1·0 | ·4 | ·8 | ·8 | ·9 | ·2 | ·9 | 1·0 | 1·0 | ·9 | 1·0 | ·3 | — | 10·9 | Fine day ; ⋓° at night. |
| 12 | — | — | — | — | ·2 | ·3 | ·6 | ·9 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | — | 5·0 | Bright to dull. |
| 13 | — | — | — | — | — | — | ·3 | — | — | ·2 | 1·0 | 1·0 | ·9 | ·8 | ·3 | — | — | 4·5 | Dull, with ●° early, then cloudy. |
| 14 | — | — | — | — | — | — | — | — | — | ·4 | 1·0 | ·3 | — | — | — | — | — | 1·7 | Dull day, with bright interval about 14h. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day, and ≋°, ●°, A.M. |
| 16 | — | ·8 | ·9 | — | ·4 | ·4 | — | ·5 | 1·0 | 1·0 | 1·0 | ·9 | ·3 | — | — | — | — | 7·2 | Cloudy to bright. |
| 17 | — | — | — | — | — | 1·0 | 1·0 | ·8 | ·2 | ·7 | ·3 | ·4 | ·1 | — | ·1 | — | — | 4·6 | ● early, then cloudy rest of day. |
| 18 | — | — | ·2 | ·6 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | ·2 | ·3 | — | — | 9·7 | Bright and fine. |
| 19 | — | — | — | — | — | — | ·5 | ·5 | ·1 | ·8 | ·9 | ·8 | ·4 | ·4 | ·6 | 1·0 | ·2 | 6·2 | Cloudy to bright. |
| 20 | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·3 | ·4 | ·2 | ·1 | — | — | — | — | — | 8·1 | Bright to cloudy ; ⊕° at 12h. [at night. |
| 21 | — | — | ·4 | ·9 | ·9 | 1·0 | ·5 | ·9 | ·5 | ·7 | ·2 | — | — | — | — | — | — | 6·0 | Bright early, then cloudy to dull, with ● |
| 22 | — | ·9 | 1·0 | 1·0 | 1·0 | ·5 | — | — | ·1 | ·9 | ·6 | ·5 | ·4 | — | ·4 | — | — | 7·3 | Bright to dull, then cloudy and showery. |
| 23 | — | — | ·1 | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·4 | ·2 | — | — | ·2 | — | 7·0 | Cloudy and bright alternately. |
| 24 | — | — | — | — | — | ·2 | ·5 | — | — | — | ·1 | ·7 | ·8 | ·4 | ·2 | — | — | 2·9 | Overcast to cloudy ; ●° at night. |
| 25 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | ·6 | 14·7 | ●° about 4h., then fine and bright. |
| 26 | ·4 | — | — | ·7 | ·4 | ·2 | ·8 | ·8 | ·8 | ·1 | — | ·1 | 1·0 | 1·0 | 1·0 | ·5 | ·3 | 8·1 | Bright to cloudy; ∞° seawards ; mild |
| 27 | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·3 | | 15·1 | Very fine, warm day. [evening. |
| 28 | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | | 15·5 | Perfectly cloudless, and very fine all day. |
| 29 | — | — | — | ·1 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·3 | ·2 | ·9 | 1·0 | ·5 | — | — | — | 7·8 | Bright intervals, and ≋² (high). |
| 30 | — | — | — | — | ·2 | ·2 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | 10·8 | ≋² early, gradually clearing to fine and [bright. |
| 31 | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·5 | ·6 | 1·0 | ·6 | — | ·4 | — | — | 11·0 | Bright at first, becoming cloudy later; [●°, ≋² at night. |
| | 1·4 | 6·9 | 9·6 | 12·5 | 14·3 | 14·8 | 16·6 | 18·3 | 16·3 | 17·2 | 17·0 | 17·0 | 14·9 | 11·4 | 8·8 | 6·9 | 2·4 | 206·3 | Total. |
| | 0·33 | 5·23 | 9·75 | 11·40 | 12·66 | 13·65 | 13·97 | 13·79 | 14·56 | 14·45 | 14·59 | 14·29 | 13·63 | 12·39 | 10·76 | 6·28 | 0·62 | 182·35 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MAY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 43·7 | 43·7 | 43·6 | 43·5 | 43·4 | 43·5 | 43·8 | 44·0 | 44·8 | 44·4 | 45·2 | 45·2 | 45·2 | 45·9 | 46·2 | 45·7 | 45·5 | 44·7 | 44·8 | 44·7 | 44·4 | 44·2 | 44·2 | 44·0 | 43·9 | 44·5 |
| 2 | 43·9 | 43·7 | 43·7 | 43·5 | 43·4 | 43·4 | 42·8 | 42·6 | 42·7 | 42·8 | 42·8 | 42·8 | 42·8 | 42·2 | 42·2 | 42·6 | 42·2 | 42·4 | 41·8 | 41·0 | 40·0 | 40·4 | 40·8 | 41·1 | 41·3 | 42·4 |
| 3 | 41·3 | 41·4 | 41·4 | 41·4 | 41·3 | 41·4 | 40·4 | 40·2 | 39·8 | 39·8 | 40·8 | 41·4 | 41·0 | 40·9 | 40·6 | 40·8 | 40·7 | 40·7 | 40·9 | 40·4 | 40·2 | 40·2 | 40·2 | 40·6 | 40·2 | 40·7 |
| 4 | 40·2 | 40·2 | 40·1 | 40·3 | 40·5 | 40·8 | 41·1 | 41·3 | 41·3 | 42·5 | 42·2 | 42·4 | 42·8 | 42·7 | 42·6 | 43·3 | 42·8 | 42·4 | 42·4 | 42·3 | 42·2 | 42·3 | 42·4 | 42·6 | 42·6 | 41·9 |
| 5 | 42·6 | 42·6 | 42·6 | 42·8 | 42·9 | 43·0 | 43·1 | 43·9 | 45·2 | 45·8 | 47·2 | 49·0 | 49·4 | 48·0 | 51·9 | 48·8 | 48·2 | 48·8 | 48·7 | 47·4 | 46·8 | 46·4 | 45·9 | 45·6 | 45·4 | 46·2 |
| 6 | 45·4 | 45·0 | 44·8 | 44·7 | 44·7 | 44·9 | 45·0 | 45·3 | 45·8 | 46·6 | 49·7 | 50·8 | 49·8 | 53·0 | 51·7 | 53·0 | 53·5 | 54·2 | 52·9 | 51·4 | 50·0 | 50·9 | 51·0 | 51·3 | 50·1 | 49·0 |
| 7 | 50·1 | 50·4 | 49·2 | 48·6 | 47·0 | 46·4 | 45·9 | 48·9 | 49·2 | 50·8 | 52·3 | 54·2 | 55·8 | 55·2 | 56·7 | 56·2 | 56·3 | 54·8 | 54·3 | 53·2 | 50·3 | 49·0 | 47·7 | 47·1 | 46·0 | 51·1 |
| 8 | 46·6 | 46·0 | 45·8 | 46·3 | 46·4 | 45·8 | 45·5 | 46·2 | 46·8 | 49·7 | 51·9 | 53·6 | 53·8 | 52·4 | 51·7 | 50·6 | 50·3 | 48·0 | 47·0 | 46·4 | 46·1 | 46·9 | 46·6 | 47·2 | 48·2 | 48·3 |
| 9 | 48·2 | 49·5 | 50·0 | 50·1 | 49·7 | 49·9 | 50·9 | 55·4 | 55·0 | 56·0 | 55·3 | 56·8 | 57·6 | 58·3 | 58·2 | 59·5 | 59·3 | 57·8 | 51·7 | 50·2 | 49·4 | 49·6 | 47·9 | 46·8 | 47·6 | 53·0 |
| 10 | 47·6 | 46·0 | 46·4 | 47·4 | 48·2 | 47·4 | 48·0 | 51·8 | 52·2 | 53·8 | 56·0 | 57·0 | 58·0 | 59·3 | 58·0 | 58·9 | 54·8 | 58·0 | 55·5 | 55·0 | 52·1 | 50·8 | 49·9 | 48·7 | 47·7 | 52·5 |
| 11 | 47·7 | 47·3 | 48·2 | 48·0 | 47·2 | 48·9 | 50·6 | 52·8 | 54·1 | 55·3 | 57·8 | 58·4 | 56·1 | 57·6 | 57·0 | 57·8 | 57·0 | 56·2 | 56·2 | 54·5 | 52·4 | 51·7 | 51·3 | 51·1 | 49·6 | 53·2 |
| 12 | 49·6 | 48·5 | 44·6 | 44·8 | 43·8 | 44·6 | 45·9 | 47·3 | 47·7 | 48·7 | 49·3 | 49·6 | 50·0 | 49·8 | 49·7 | 49·6 | 48·8 | 48·0 | 47·6 | 47·2 | 46·4 | 45·6 | 44·7 | 44·9 | 45·0 | 47·3 |
| 13 | 45·0 | 45·1 | 44·7 | 44·7 | 44·8 | 44·2 | 44·6 | 44·8 | 44·9 | 45·6 | 46·7 | 47·4 | 48·2 | 48·3 | 48·3 | 48·9 | 47·6 | 46·9 | 46·2 | 45·8 | 45·5 | 44·9 | 45·1 | 45·5 | 45·4 | 45·9 |
| 14 | 45·4 | 45·2 | 45·4 | 45·4 | 45·4 | 45·4 | 45·8 | 46·3 | 46·4 | 46·7 | 48·2 | 48·2 | 48·8 | 48·7 | 50·1 | 48·7 | 48·0 | 47·8 | 47·4 | 46·9 | 46·7 | 46·0 | 45·7 | 45·8 | 45·8 | 47·0 |
| 15 | 45·8 | 45·8 | 45·8 | 45·8 | 45·7 | 45·8 | 45·8 | 45·7 | 45·7 | 45·7 | 45·5 | 45·4 | 45·3 | 45·2 | 46·0 | 46·2 | 46·8 | 46·9 | 46·8 | 46·7 | 46·5 | 46·0 | 45·9 | 45·8 | 45·9 | 45·9 |
| 16 | 45·9 | 45·8 | 45·7 | 45·4 | 43·9 | 45·2 | 47·9 | 49·4 | 47·8 | 50·8 | 50·7 | 52·6 | 54·6 | 53·0 | 53·3 | 54·2 | 53·8 | 51·4 | 49·8 | 50·0 | 49·7 | 51·4 | 52·2 | 52·9 | 53·0 | 50·0 |
| 17 | 53·0 | 51·7 | 50·4 | 49·5 | 48·6 | 49·7 | 49·2 | 51·8 | 54·1 | 57·0 | 60·0 | 64·3 | 64·6 | 65·6 | 66·1 | 66·9 | 65·5 | 63·0 | 63·7 | 61·9 | 60·1 | 58·4 | 56·4 | 55·7 | 55·8 | 57·9 |
| 18 | 55·8 | 55·0 | 56·3 | 56·4 | 55·9 | 57·3 | 56·4 | 58·1 | 59·8 | 60·8 | 62·7 | 63·4 | 63·5 | 63·9 | 64·3 | 64·0 | 62·2 | 61·2 | 61·0 | 59·2 | 57·7 | 55·4 | 53·6 | 52·0 | 50·9 | 58·9 |
| 19 | 50·9 | 50·0 | 49·3 | 49·6 | 49·7 | 49·9 | 50·7 | 52·0 | 52·7 | 54·4 | 55·9 | 57·6 | 57·0 | 58·2 | 58·6 | 59·2 | 59·9 | 59·9 | 60·3 | 59·8 | 56·0 | 53·8 | 51·8 | 52·3 | 50·8 | 54·6 |
| 20 | 50·8 | 49·4 | 48·2 | 47·2 | 48·4 | 49·6 | 50·9 | 52·2 | 52·9 | 54·6 | 55·0 | 58·2 | 59·0 | 59·4 | 59·0 | 56·8 | 55·1 | 53·6 | 52·7 | 50·9 | 49·0 | 47·9 | 47·7 | 46·6 | 47·0 | 52·2 |
| 21 | 47·0 | 46·0 | 46·8 | 45·8 | 45·3 | 45·7 | 47·2 | 50·2 | 49·3 | 51·9 | 52·6 | 55·5 | 54·5 | 56·2 | 54·6 | 54·0 | 53·2 | 50·1 | 48·0 | 46·8 | 46·6 | 46·6 | 45·3 | 43·4 | 42·7 | 49·2 |
| 22 | 42·7 | 42·6 | 43·0 | 42·2 | 41·2 | 43·1 | 46·3 | 48·7 | 49·6 | 51·7 | 50·0 | 47·3 | 48·8 | 52·2 | 51·8 | 50·3 | 50·0 | 50·2 | 48·2 | 48·4 | 47·4 | 46·6 | 45·3 | 43·1 | 43·5 | 47·1 |
| 23 | 43·5 | 43·8 | 42·5 | 41·4 | 41·8 | 42·8 | 44·0 | 46·2 | 46·4 | 49·2 | 49·2 | 51·8 | 53·7 | 53·4 | 52·9 | 52·4 | 52·5 | 52·2 | 50·6 | 50·6 | 49·7 | 49·2 | 49·0 | 49·4 | 49·7 | 48·4 |
| 24 | 49·7 | 49·5 | 49·8 | 49·2 | 49·7 | 48·3 | 48·4 | 49·6 | 50·7 | 50·8 | 52·8 | 54·2 | 51·4 | 52·2 | 51·2 | 52·4 | 53·3 | 51·8 | 51·5 | 50·3 | 49·8 | 49·8 | 49·4 | 48·9 | 46·6 | 50·5 |
| 25 | 46·6 | 45·0 | 45·2 | 46·6 | 44·8 | 43·9 | 46·1 | 48·3 | 49·5 | 51·4 | 52·9 | 54·6 | 54·8 | 54·6 | 56·3 | 57·0 | 56·4 | 56·9 | 54·9 | 54·5 | 51·8 | 49·0 | 47·2 | 45·9 | 44·4 | 50·6 |
| 26 | 44·4 | 42·7 | 41·6 | 40·3 | 39·3 | 43·4 | 45·0 | 47·7 | 49·7 | 53·4 | 55·4 | 57·6 | 59·8 | 58·8 | 57·4 | 57·4 | 60·8 | 64·8 | 65·9 | 64·3 | 62·6 | 60·4 | 59·2 | 55·9 | 56·2 | 53·9 |
| 27 | 56·2 | 54·9 | 54·0 | 52·7 | 52·2 | 56·1 | 59·5 | 62·0 | 63·4 | 66·2 | 67·3 | 66·1 | 64·7 | 67·8 | 68·7 | 69·3 | 67·4 | 58·3 | 57·6 | 56·5 | 54·8 | 54·0 | 55·6 | 56·0 | 51·3 | 59·2 |
| 28 | 51·3 | 53·0 | 53·7 | 53·0 | 51·4 | 52·4 | 54·9 | 57·4 | 60·0 | 61·8 | 60·6 | 62·2 | 63·9 | 65·0 | 64·2 | 63·4 | 62·6 | 62·4 | 62·0 | 61·3 | 59·2 | 57·4 | 55·2 | 55·0 | 53·6 | 58·5 |
| 29 | 53·6 | 51·2 | 50·1 | 49·1 | 46·2 | 46·3 | 47·2 | 47·2 | 50·2 | 51·3 | 52·7 | 51·8 | 52·1 | 52·0 | 52·2 | 52·4 | 51·2 | 50·5 | 50·1 | 48·3 | 47·0 | 47·1 | 46·5 | 46·2 | 46·3 | 49·5 |
| 30 | 46·3 | 46·1 | 45·8 | 44·3 | 43·6 | 44·3 | 43·9 | 45·2 | 44·2 | 46·0 | 47·1 | 49·3 | 50·3 | 55·1 | 54·6 | 53·6 | 54·5 | 57·4 | 56·3 | 56·2 | 54·5 | 52·8 | 52·9 | 52·3 | 51·3 | 50·0 |
| 31 | 51·3 | 50·5 | 50·0 | 49·2 | 49·3 | 52·0 | 55·6 | 58·4 | 57·6 | 58·9 | 58·7 | 55·5 | 55·2 | 54·2 | 53·4 | 56·0 | 55·2 | 53·1 | 53·9 | 49·5 | 49·0 | 49·2 | 49·4 | 49·0 | 48·6 | 53·0 |
| Mean ... | 47·5 | 47·1 | 46·7 | 46·4 | 46·0 | 46·6 | 47·5 | 49·1 | 49·7 | 51·2 | 52·1 | 53·0 | 53·3 | 53·8 | 53·9 | 53·5 | 53·1 | 52·7 | 52·0 | 51·0 | 49·8 | 49·2 | 48·6 | 48·2 | 47·6 | 50·1 |
| Mean, 1871–1905. | 44·5 | 44·1 | 43·8 | 43·4 | 43·2 | 43·8 | 45·1 | 46·7 | 47·7 | 48·6 | 49·3 | 49·9 | 50·3 | 50·5 | 50·5 | 50·4 | 50·0 | 49·8 | 49·2 | 48·4 | 47·3 | 46·4 | 45·7 | 45·1 | 44·7 | 47·2 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MAY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 99 | 98 | 98 | 98 | 99 | 99 | 99 | 98 | 99 | 98 | 97 | 97 | 97 | 97 | 93 | 94 | 94 | 94 | 95 | 96 | 97 | 97 | 97 | 98 | 98 | 97·0 |
| 2 | 98 | 97 | 97 | 98 | 98 | 99 | 98 | 96 | 97 | 96 | 92 | 89 | 90 | 90 | 85 | 81 | 80 | 84 | 89 | 93 | 87 | 85 | 82 | 81 | 82 | 91·3 |
| 3 | 81 | 79 | 79 | 79 | 79 | 79 | 87 | 89 | 92 | 93 | 86 | 86 | 83 | 87 | 87 | 88 | 89 | 86 | 85 | 89 | 90 | 90 | 90 | 94 | 94 | 86·2 |
| 4 | 94 | 96 | 97 | 97 | 97 | 96 | 96 | 96 | 94 | 96 | 95 | 92 | 94 | 95 | 92 | 93 | 95 | 95 | 97 | 97 | 98 | 99 | 98 | 98 | 98 | 95·7 |
| 5 | 98 | 98 | 98 | 99 | 98 | 98 | 97 | 97 | 93 | 95 | 89 | 87 | 89 | 96 | 81 | 89 | 89 | 87 | 85 | 89 | 92 | 94 | 95 | 96 | 96 | 92·8 |
| 6 | 96 | 97 | 98 | 97 | 97 | 99 | 98 | 99 | 99 | 99 | 95 | 96 | 93 | 86 | 86 | 85 | 82 | 82 | 87 | 90 | 91 | 87 | 89 | 82 | 84 | 91·8 |
| 7 | 84 | 79 | 83 | 79 | 78 | 76 | 67 | 63 | 59 | 58 | 54 | 55 | 53 | 56 | 50 | 45 | 49 | 47 | 44 | 48 | 55 | 56 | 62 | 70 | 77 | 61·1 |
| 8 | 77 | 80 | 84 | 82 | 83 | 89 | 91 | 89 | 88 | 84 | 79 | 74 | 79 | 81 | 82 | 84 | 89 | 93 | 97 | 97 | 98 | 99 | 97 | 99 | 98 | 87·8 |
| 9 | 98 | 95 | 93 | 92 | 93 | 92 | 87 | 76 | 65 | 61 | 64 | 60 | 58 | 58 | 52 | 50 | 48 | 56 | 74 | 77 | 77 | 76 | 86 | 87 | 81 | 73·6 |
| 10 | 81 | 84 | 84 | 80 | 79 | 89 | 89 | 82 | 69 | 59 | 52 | 53 | 51 | 48 | 48 | 45 | 66 | 51 | 55 | 62 | 67 | 72 | 77 | 79 | 82 | 67·6 |
| 11 | 82 | 83 | 81 | 82 | 83 | 81 | 79 | 74 | 69 | 66 | 60 | 62 | 70 | 65 | 64 | 65 | 65 | 65 | 67 | 67 | 71 | 72 | 72 | 72 | 79 | 71·5 |
| 12 | 79 | 76 | 90 | 90 | 89 | 90 | 94 | 90 | 89 | 88 | 84 | 84 | 81 | 82 | 86 | 86 | 84 | 85 | 80 | 82 | 83 | 85 | 87 | 87 | 84 | 85·6 |
| 13 | 84 | 87 | 87 | 90 | 89 | 94 | 90 | 91 | 92 | 88 | 85 | 81 | 77 | 79 | 79 | 83 | 85 | 80 | 82 | 84 | 86 | 86 | 86 | 86 | 87 | 85·5 |
| 14 | 87 | 87 | 86 | 87 | 86 | 87 | 85 | 87 | 87 | 82 | 77 | 78 | 80 | 85 | 77 | 83 | 80 | 83 | 82 | 87 | 85 | 87 | 90 | 91 | 90 | 84·5 |
| 15 | 90 | 89 | 89 | 92 | 92 | 93 | 93 | 95 | 95 | 95 | 95 | 96 | 96 | 99 | 97 | 96 | 91 | 91 | 88 | 89 | 89 | 91 | 90 | 89 | 89 | 92·5 |
| 16 | 89 | 89 | 92 | 86 | 89 | 88 | 84 | 73 | 84 | 76 | 75 | 77 | 76 | 76 | 73 | 71 | 69 | 80 | 82 | 85 | 86 | 88 | 89 | 87 | 77 | 81·6 |
| 17 | 77 | 83 | 88 | 90 | 91 | 94 | 96 | 93 | 91 | 85 | 80 | 57 | 53 | 51 | 50 | 47 | 47 | 53 | 55 | 62 | 68 | 74 | 86 | 92 | 91 | 73·7 |
| 18 | 91 | 92 | 89 | 87 | 87 | 79 | 83 | 82 | 75 | 74 | 76 | 78 | 71 | 69 | 57 | 51 | 50 | 49 | 44 | 43 | 45 | 45 | 47 | 48 | 52 | 61·5 |
| 19 | 67 | 69 | 72 | 73 | 73 | 73 | 72 | 72 | 71 | 66 | 63 | 61 | 63 | 64 | 64 | 68 | 64 | 57 | 52 | 51 | 55 | 59 | 63 | 62 | 69 | 64·8 |
| 20 | 69 | 71 | 66 | 68 | 62 | 64 | 61 | 59 | 57 | 54 | 55 | 51 | 47 | 50 | 53 | 60 | 62 | 70 | 65 | 73 | 78 | 84 | 87 | 88 | 90 | 65·2 |
| 21 | 90 | 89 | 85 | 85 | 83 | 81 | 85 | 81 | 82 | 81 | 75 | 66 | 69 | 68 | 71 | 71 | 71 | 78 | 85 | 82 | 84 | 84 | 90 | 89 | 86 | 80·1 |
| 22 | 86 | 87 | 84 | 88 | 83 | 79 | 73 | 70 | 65 | 63 | 66 | 81 | 80 | 68 | 74 | 70 | 84 | 77 | 85 | 77 | 76 | 81 | 83 | 89 | 88 | 77·9 |
| 23 | 88 | 83 | 81 | 80 | 79 | 83 | 82 | 75 | 74 | 76 | 78 | 79 | 70 | 69 | 77 | 77 | 75 | 79 | 80 | 83 | 85 | 87 | 86 | 86 | 88 | 79·8 |
| 24 | 87 | 87 | 86 | 88 | 87 | 90 | 91 | 87 | 86 | 85 | 78 | 70 | 78 | 77 | 82 | 80 | 77 | 82 | 83 | 82 | 84 | 85 | 88 | 90 | 79 | 83·5 |
| 25 | 79 | 82 | 85 | 87 | 81 | 85 | 77 | 73 | 63 | 59 | 55 | 57 | 55 | 51 | 50 | 55 | 53 | 52 | 57 | 53 | 60 | 64 | 67 | 69 | 73 | 65·3 |
| 26 | 73 | 77 | 80 | 82 | 84 | 76 | 76 | 76 | 64 | 60 | 65 | 59 | 63 | 65 | 67 | 67 | 68 | 52 | 53 | 57 | 66 | 66 | 74 | 78 | 77 | 68·7 |
| 27 | 77 | 79 | 80 | 85 | 84 | 81 | 72 | 70 | 67 | 59 | 58 | 61 | 60 | 55 | 54 | 71 | 76 | 75 | 77 | 77 | 83 | 84 | 79 | 79 | 86 | 72·8 |
| 28 | 88 | 84 | 82 | 84 | 87 | 86 | 82 | 78 | 72 | 69 | 70 | 67 | 61 | 61 | 62 | 64 | 65 | 65 | 63 | 65 | 69 | 73 | 79 | 81 | 83 | 73·1 |
| 29 | 83 | 89 | 93 | 93 | 98 | 94 | 91 | 90 | 82 | 81 | 78 | 81 | 78 | 79 | 80 | 78 | 80 | 84 | 84 | 92 | 96 | 93 | 94 | 95 | 92 | 87·1 |
| 30 | 92 | 94 | 95 | 99 | 97 | 96 | 96 | 93 | 93 | 93 | 91 | 89 | 75 | 78 | 80 | 78 | 70 | 73 | 74 | 78 | 83 | 82 | 83 | 85 | 85 | 86·3 |
| 31 | 85 | 88 | 87 | 89 | 89 | 87 | 80 | 77 | 77 | 72 | 73 | 80 | 86 | 86 | 90 | 82 | 85 | 88 | 88 | 97 | 97 | 98 | 98 | 97 | 98 | 86·8 |
| Mean ... | 85· | 86·1 | 86·7 | 87·3 | 86·9 | 86·6 | 85·1 | 82·5 | 79·9 | 77·2 | 74·9 | 73·7 | 73·1 | 72·3 | 72·1 | 72·8 | 73·7 | 73·7 | 75·2 | 77·6 | 80·5 | 81·8 | 84·3 | 85·2 | 85·4 | 79·8 |
| Mean, 1886–1905. | 84·3 | 84·9 | 85·2 | 85·8 | 86·2 | 85·6 | 83·5 | 80·2 | 77·5 | 75·4 | 73·9 | 72·6 | 71·4 | 71·7 | 71·9 | 71·9 | 72·6 | 73·3 | 74·1 | 76·4 | 78·9 | 80·9 | 82·3 | 83·6 | 84·3 | 78·5 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. MAY, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. MAY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·016 | 9·908 | 59·5 | 47·7 | 9 | 9·691 | 9·569 | 59·1 | 50·9 | 17 | **0·354** | 0·216 | 60·0 | 50·9 | 25 | 9·882 | 9·685 | 57·1 | 48·9 |
| 2 | 9·912 | 9·829 | 61·1 | 51·2 | 10 | 9·813 | 9·679 | 56·5 | 46·4 | 18 | 0·348 | 0·257 | 56·0 | 50·3 | 26 | 0·226 | 9·882 | 59·8 | 49·3 |
| 3 | 9·845 | 9·686 | 55·2 | 50·7 | 11 | 9·811 | 9·665 | 57·0 | 44·9 | 19 | 0·257 | 0·143 | 58·3 | 47·9 | 27 | 0·308 | 0·226 | 62·5 | 48·3 |
| 4 | 9·690 | 9·377 | 58·8 | 49·2 | 12 | 9·687 | 9·647 | 58·8 | 44·4 | 20 | 0·165 | 9·919 | 62·1 | 49·0 | 28 | 0·276 | 0·139 | 64·1 | 55·6 |
| 5 | 9·377 | 9·168 | 56·7 | 50·2 | 13 | 9·647 | 9·395 | 55·1 | 44·9 | 21 | 9·919 | 9·704 | 57·0 | 46·0 | 29 | 0·139 | 9·894 | **66·7** | 53·0 |
| 6 | 9·614 | **9·132** | 56·0 | 45·2 | 14 | 9·395 | 9·203 | 56·7 | 48·6 | 22 | 9·896 | 9·648 | 54·3 | 46·8 | 30 | 9·894 | 9·728 | 60·4 | 53·2 |
| 7 | 9·787 | 9·614 | 58·7 | **43·9** | 15 | 9·857 | 9·300 | 57·0 | 47·0 | 23 | 9·980 | 9·894 | 58·1 | 46·8 | 31 | 9·734 | 9·676 | 59·8 | 52·9 |
| 8 | 9·745 | 9·567 | 54·9 | 51·8 | 16 | 0·230 | 9·857 | 58·9 | 45·4 | 24 | 9·918 | 9·709 | 58·2 | 49·0 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 58·5 | 48·7 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. MAY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·008 | 0·006 | 0·006 | 0·002 | 9·996 | 9·996 | 0·000 | 0·004 | 0·006 | 0·008 | 0·016 | 0·006 | 0·002 | 9·994 | 9·982 | 9·964 | 9·954 | 9·940 | 9·924 | 9·918 | 9·922 | 9·916 | 9·916 | 9·910 | 9·912 | 9·973 |
| 2 | 9·912 | 9·910 | 9·896 | 9·888 | 9·872 | 9·854 | 9·852 | 9·856 | 9·868 | 9·864 | 9·866 | 9·865 | 9·861 | 9·855 | 9·849 | 9·849 | 9·849 | 9·833 | 9·837 | 9·837 | 9·835 | 9·845 | 9·845 | 9·847 | 9·841 | 9·859 |
| 3 | 9·841 | 9·831 | 9·827 | 9·827 | 9·819 | 9·823 | 9·829 | 9·833 | 9·845 | 9·839 | 9·843 | 9·836 | 9·836 | 9·838 | 9·822 | 9·814 | 9·792 | 9·774 | 9·766 | 9·754 | 9·740 | 9·724 | 9·712 | 9·688 | 9·690 | 9·799 |
| 4 | 9·690 | 9·658 | 9·646 | 9·624 | 9·604 | 9·592 | 9·576 | 9·576 | 9·562 | 9·552 | 9·540 | 9·523 | 9·511 | 9·509 | 9·499 | 9·487 | 9·479 | 9·473 | 9·465 | 9·463 | 9·451 | 9·439 | 9·419 | 9·399 | 9·377 | 9·524 |
| 5 | 9·377 | 9·349 | 9·311 | 9·267 | 9·241 | 9·233 | 9·227 | 9·219 | 9·211 | 9·209 | 9·205 | 9·204 | 9·200 | 9·194 | 9·192 | 9·184 | 9·176 | 9·174 | 9·172 | 9·168 | 9·180 | 9·184 | 9·178 | 9·170 | 9·168 | 9·213 |
| 6 | 9·168 | 9·154 | 9·152 | 9·144 | 9·136 | 9·140 | 9·160 | 9·188 | 9·220 | 9·250 | 9·292 | 9·314 | 9·356 | 9·384 | 9·420 | 9·438 | 9·458 | 9·478 | 9·502 | 9·516 | 9·542 | 9·564 | 9·586 | 9·590 | 9·614 | 9·349 |
| 7 | 9·614 | 9·626 | 9·644 | 9·652 | 9·668 | 9·680 | 9·706 | 9·726 | 9·738 | 9·752 | 9·776 | 9·783 | 9·781 | 9·781 | 9·783 | 9·767 | 9·765 | 9·757 | 9·745 | 9·745 | 9·749 | 9·747 | 9·755 | 9·753 | 9·745 | 9·732 |
| 8 | 9·745 | 9·731 | 9·717 | 9·715 | 9·709 | 9·705 | 9·699 | 9·691 | 9·687 | 9·685 | 9·682 | 9·672 | 9·666 | 9·662 | 9·636 | 9·626 | 9·612 | 9·606 | 9·602 | 9·592 | 9·592 | 9·584 | 9·574 | 9·572 | 9·569 | 9·659 |
| 9 | 9·572 | 9·574 | 9·582 | 9·588 | 9·596 | 9·604 | 9·616 | 9·626 | 9·638 | 9·644 | 9·660 | 9·663 | 9·663 | 9·665 | 9·665 | 9·661 | 9·665 | 9·665 | 9·667 | 9·677 | 9·683 | 9·691 | 9·685 | 9·683 | 9·679 | 9·645 |
| 10 | 9·679 | 9·679 | 9·695 | 9·695 | 9·693 | 9·695 | 9·705 | 9·721 | 9·729 | 9·739 | 9·749 | 9·745 | 9·753 | 9·759 | 9·761 | 9·765 | 9·771 | 9·769 | 9·775 | 9·787 | 9·793 | 9·807 | 9·811 | 9·811 | 9·811 | 9·748 |
| 11 | 9·811 | 9·803 | 9·791 | 9·785 | 9·779 | 9·775 | 9·773 | 9·767 | 9·767 | 9·767 | 9·759 | 9·757 | 9·743 | 9·729 | 9·713 | 9·707 | 9·691 | 9·683 | 9·671 | 9·665 | 9·671 | 9·675 | 9·677 | 9·671 | 9·679 | 9·732 |
| 12 | 9·679 | 9·679 | 9·665 | 9·659 | 9·659 | 9·665 | 9·675 | 9·677 | 9·687 | 9·687 | 9·679 | 9·681 | 9·681 | 9·675 | 9·671 | 9·665 | 9·661 | 9·657 | 9·651 | 9·657 | 9·661 | 9·667 | 9·659 | 9·651 | 9·647 | 9·668 |
| 13 | 9·647 | 9·633 | 9·625 | 9·621 | 9·617 | 9·613 | 9·611 | 9·599 | 9·611 | 9·603 | 9·599 | 9·597 | 9·593 | 9·589 | 9·577 | 9·567 | 9·561 | 9·551 | 9·533 | 9·525 | 9·503 | 9·485 | 9·455 | 9·429 | 9·395 | 9·567 |
| 14 | 9·395 | 9·357 | 9·313 | 9·265 | 9·223 | 9·203 | 9·223 | 9·233 | 9·249 | 9·259 | 9·271 | 9·288 | 9·298 | 9·306 | 9·320 | 9·318 | 9·328 | 9·328 | 9·334 | 9·328 | 9·320 | 9·322 | 9·308 | 9·304 | 9·306 | 9·294 |
| 15 | 9·306 | 9·308 | 9·304 | 9·308 | 9·324 | 9·342 | 9·366 | 9·384 | 9·418 | 9·452 | 9·494 | 9·515 | 9·547 | 9·571 | 9·605 | 9·629 | 9·661 | 9·685 | 9·711 | 9·735 | 9·763 | 9·801 | 9·829 | 9·837 | 9·857 | 9·549 |
| 16 | 9·857 | 9·865 | 9·891 | 9·909 | 9·929 | 9·949 | 9·967 | 9·985 | 0·021 | 0·039 | 0·057 | 0·064 | 0·086 | 0·102 | 0·120 | 0·132 | 0·148 | 0·158 | 0·162 | 0·176 | 0·192 | 0·210 | 0·216 | 0·214 | 0·230 | 0·068 |
| 17 | 0·230 | 0·222 | 0·216 | 0·218 | 0·220 | 0·220 | 0·246 | 0·260 | 0·272 | 0·280 | 0·296 | 0·306 | 0·326 | 0·326 | 0·318 | 0·316 | 0·320 | 0·326 | 0·330 | 0·330 | 0·332 | 0·340 | 0·354 | 0·350 | 0·346 | 0·292 |
| 18 | 0·346 | 0·344 | 0·338 | 0·336 | 0·322 | 0·326 | 0·342 | 0·346 | 0·342 | 0·346 | 0·339 | 0·333 | 0·331 | 0·331 | 0·327 | 0·315 | 0·303 | 0·293 | 0·283 | 0·287 | 0·291 | 0·283 | 0·267 | 0·257 | 0·320 |
| 19 | 0·257 | 0·253 | 0·241 | 0·227 | 0·221 | 0·215 | 0·215 | 0·209 | 0·215 | 0·211 | 0·213 | 0·203 | 0·189 | 0·173 | 0·167 | 0·165 | 0·161 | 0·155 | 0·149 | 0·143 | 0·143 | 0·153 | 0·163 | 0·165 | 0·190 |
| 20 | 0·165 | 0·153 | 0·151 | 0·151 | 0·147 | 0·147 | 0·151 | 0·151 | 0·159 | 0·157 | 0·151 | 0·141 | 0·123 | 0·109 | 0·087 | 0·065 | 0·041 | 0·029 | 0·011 | 0·001 | 9·983 | 9·977 | 9·965 | 9·943 | 9·919 | 0·085 |
| 21 | 9·919 | 9·897 | 9·869 | 9·847 | 9·831 | 9·815 | 9·805 | 9·807 | 9·803 | 9·791 | 9·785 | 9·788 | 9·790 | 9·784 | 9·780 | 9·770 | 9·760 | 9·748 | 9·746 | 9·742 | 9·738 | 9·740 | 9·734 | 9·722 | 9·704 | 9·788 |
| 22 | 9·704 | 9·690 | 9·678 | 9·666 | 9·650 | 9·650 | 9·656 | 9·670 | 9·700 | 9·718 | 9·742 | 9·758 | 9·774 | 9·784 | 9·794 | 9·798 | 9·812 | 9·818 | 9·830 | 9·842 | 9·862 | 9·876 | 9·892 | 9·892 | 9·896 | 9·764 |
| 23 | 9·896 | 9·894 | 9·898 | 9·908 | 9·916 | 9·932 | 9·946 | 9·952 | 9·958 | 9·972 | 9·974 | 9·978 | 9·980 | 9·976 | 9·972 | 9·970 | 9·966 | 9·966 | 9·964 | 9·960 | 9·960 | 9·960 | 9·950 | 9·940 | 9·918 | 9·950 |
| 24 | 9·918 | 9·912 | 9·898 | 9·874 | 9·868 | 9·868 | 9·866 | 9·852 | 9·848 | 9·842 | 9·828 | 9·821 | 9·807 | 9·787 | 9·773 | 9·753 | 9·745 | 9·737 | 9·729 | 9·719 | 9·711 | 9·709 | 9·713 | 9·711 | 9·709 | 9·799 |
| 25 | 9·709 | 9·707 | 9·699 | 9·689 | 9·689 | 9·693 | 9·701 | 9·705 | 9·713 | 9·715 | 9·725 | 9·732 | 9·738 | 9·738 | 9·744 | 9·748 | 9·754 | 9·766 | 9·782 | 9·800 | 9·818 | 9·836 | 9·852 | 9·864 | 9·882 | 9·750 |
| 26 | 9·882 | 9·894 | 9·902 | 9·910 | 9·932 | 9·956 | 9·980 |

FALMOUTH. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 13 | 4 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | 5 | 4 | 5 | 4 | 7 | 5 | 11 | 6 | 10 | 7 |
| 2 | — | 2 | 8 | 4 | — | 2 | — | 2 | 7 | 4 | 6 | 5 | 6 | 4 | 6 | 4 | 6 | 4 | 5 | 5 | 5 | 5 | 11 | 4 |
| 3 | 32 | 5 | 30 | 4 | 29 | 7 | 30 | 7 | 29 | 7 | 30 | 6 | 30 | 7 | 30 | 6 | 30 | 6 | 30 | 5 | 30 | 4 | 25 | 4 |
| 4 | 13 | 5 | 14 | 7 | 14 | 7 | 13 | 7 | 13 | 7 | 14 | 7 | 17 | 6 | 15 | 5 | 15 | 6 | 15 | 6 | 16 | 9 | 18 | 12 |
| 5 | 15 | 11 | 15 | 12 | 15 | 16 | 17 | 17 | 16 | 15 | 17 | 15 | 17 | 16 | 17 | 19 | 17 | 15 | 17 | 16 | 18 | 18 | 18 | 21 |
| 6 | 17 | 14 | 19 | 15 | 18 | 13 | 19 | 20 | 19 | 18 | 20 | 17 | 22 | 18 | 22 | 20 | 22 | 19 | 24 | 19 | 24 | 19 | 23 | 20 |
| 7 | 24 | 4 | 24 | 5 | 24 | 5 | 25 | 7 | 25 | 4 | 23 | 4 | 23 | 5 | 18 | 4 | 18 | 6 | 18 | 8 | 15 | 9 | 16 | 8 |
| 8 | 19 | 16 | 19 | 18 | 19 | 18 | 19 | 18 | 19 | 18 | 18 | 18 | 18 | 19 | 19 | 19 | 19 | 23 | 18 | 19 | 18 | 20 | 18 | 20 |
| 9 | 19 | 15 | 20 | 15 | 20 | 13 | 20 | 12 | 20 | 10 | 20 | 11 | 20 | 10 | 20 | 10 | 20 | 12 | 19 | 10 | 19 | 13 | 19 | 13 |
| 10 | 20 | 14 | 21 | 10 | 22 | 7 | 22 | 5 | 20 | 6 | 22 | 5 | 20 | 7 | 20 | 8 | 21 | 11 | 20 | 12 | 20 | 12 | 21 | 12 |
| 11 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 14 | 5 | 13 | 7 | 13 | 7 | 13 | 9 | 13 | 7 | 13 | 7 | 13 | 7 |
| 12 | 23 | 4 | — | 2 | — | 3 | 23 | 4 | 23 | 4 | 23 | 4 | 23 | 6 | 23 | 7 | 22 | 6 | 23 | 6 | 21 | 10 | 18 | 11 |
| 13 | 22 | 7 | 22 | 7 | 22 | 7 | 22 | 4 | 22 | 5 | 22 | 5 | 21 | 10 | 23 | 11 | 20 | 11 | 20 | 15 | 20 | 13 | 20 | 18 |
| 14 | 14 | 14 | 14 | 18 | 13 | 18 | 13 | 19 | 15 | 12 | 22 | 14 | 21 | 12 | 21 | 15 | 21 | 15 | 19 | 16 | 19 | 15 | 19 | 15 |
| 15 | 19 | 23 | 19 | 26 | 19 | 23 | 20 | 22 | 20 | 22 | 20 | 22 | 20 | 21 | 21 | 18 | 23 | 17 | 22 | 15 | 23 | 17 | 23 | 17 |
| 16 | 21 | 7 | 22 | 6 | 21 | 6 | 21 | 4 | 21 | 4 | 20 | 7 | 23 | 7 | 21 | 8 | 21 | 9 | 20 | 11 | 20 | 13 | 20 | 15 |
| 17 | 19 | 10 | 19 | 15 | 20 | 16 | 20 | 15 | 20 | 15 | 19 | 10 | 20 | 10 | 20 | 12 | 21 | 12 | 20 | 13 | 20 | 16 | 21 | 10 |
| 18 | 20 | 7 | 20 | 9 | 20 | 9 | 21 | 9 | 19 | 9 | 21 | 6 | 21 | 7 | 21 | 7 | 21 | 7 | 22 | 7 | 21 | 6 | 21 | 7 |
| 19 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | 27 | 4 | 28 | 4 | — | 3 |
| 20 | 32 | 10 | 32 | 10 | 32 | 8 | 32 | 7 | 32 | 7 | 32 | 9 | 32 | 10 | 1 | 7 | 3 | 4 | — | 2 | — | 3 | — | 3 |
| 21 | 31 | 7 | 30 | 7 | 30 | 10 | 30 | 8 | 29 | 8 | 29 | 8 | 27 | 8 | 26 | 10 | 27 | 10 | 23 | 10 | 27 | 12 | 26 | 11 |
| 22 | 23 | 13 | 22 | 12 | 23 | 13 | 23 | 15 | 24 | 15 | 25 | 17 | 27 | 18 | 28 | 18 | 28 | 16 | 28 | 16 | 28 | 14 | 28 | 15 |
| 23 | 28 | 5 | 28 | 6 | 30 | 4 | 30 | 4 | 30 | 4 | 29 | 5 | 29 | 7 | 29 | 7 | 28 | 6 | 27 | 7 | 27 | 7 | 27 | 9 |
| 24 | 22 | 4 | 23 | 4 | 23 | 7 | 23 | 4 | — | 2 | — | 3 | 22 | 7 | 22 | 12 | 20 | 10 | 19 | 11 | 19 | 13 | 19 | 16 |
| 25 | 22 | 7 | 22 | 8 | 22 | 10 | 22 | 10 | 22 | 10 | 21 | 11 | 21 | 10 | 21 | 12 | 20 | 15 | 20 | 15 | 20 | 15 | 20 | 16 |
| 26 | 22 | 9 | 23 | 9 | 23 | 7 | 23 | 7 | 23 | 6 | 22 | 7 | 22 | 5 | 24 | 7 | 24 | 8 | 24 | 10 | 26 | 7 | 26 | 7 |
| 27 | 30 | 4 | 31 | 4 | 1 | 4 | — | 3 | 1 | 4 | — | 2 | — | 3 | 6 | 6 | 9 | 6 | 9 | 7 | 10 | 6 | 9 | 7 |
| 28 | 3 | 6 | 3 | 6 | 3 | 7 | 6 | 6 | 5 | 6 | 5 | 7 | 7 | 6 | 9 | 7 | 7 | 7 | 10 | 7 | 9 | 8 | 8 | 8 |
| 29 | — | 3 | — | 3 | 8 | 6 | 8 | 7 | 9 | 8 | 7 | 6 | 7 | 7 | 6 | 6 | 5 | 7 | 6 | 8 | 4 | 7 | 4 | 7 |
| 30 | 1 | 7 | — | 3 | 1 | 4 | 1 | 4 | — | 3 | — | 3 | 32 | 4 | — | 3 | 4 | 4 | 5 | 4 | 7 | 5 | 5 | 5 |
| 31 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | — | 3 | 6 | 4 | 6 | 6 | 6 | 7 | 8 | 5 | 8 | 5 | 7 | 5 |
| Mean ... | — | 8 | — | 8 | — | 8 | — | 8 | — | 8 | — | 8 | — | 9 | — | 9 | — | 10 | — | 10 | — | 10 | — | 11 |
| Mean, 1881–1905. | — | 7·6 | — | 7·8 | — | 7·6 | — | 7·7 | — | 7·5 | — | 7·6 | — | 8·7 | — | 9·8 | — | 10·4 | — | 11·1 | — | 11·7 | — | 11·6 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

FALMOUTH. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. MAY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 05 | — | — | 01 | — | — | — | — | — | 09 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | 01 | 02 | 08 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 |
| 5 | — | 04 | 05 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 | 02 | — | — | — | 01 | 17 |
| 6 | 01 | — | 02 | 01 | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | 02 |
| 8 | — | 01 | 02 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 07 | 01 | — | 14 |
| 9 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 | 01 | 01 | — | — | — | — | 11 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | 01 | — | 01 | — | — | — | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 17 |
| 14 | 05 | 11 | 07 | 11 | 08 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 | 06 | 04 | 06 | 65 |
| 15 | 14 | 07 | 02 | 04 | 01 | 02 | 06 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 38 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 05 | 04 | — | — | 01 | 11 |
| 25 | — | — | — | — | 02 | 01 | 01 | 01 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | 06 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 01 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | 08 | — | — | — | 14 | — | — | — | — | — | — | — | — | — | — | 22 |
| Sum ... | 20 | 24 | 19 | 20 | 12 | 05 | 10 | 16 | 09 | 10 | — | — | — | 14 | 03 | 06 | 01 | 09 | 07 | 08 | 11 | 14 | 05 | 11 | 2·34 |
| Average 1871–1905. | ·090 | ·099 | ·116 | ·111 | ·103 | ·100 | ·101 | ·116 | ·102 | ·088 | ·072 | ·082 | ·065 | ·067 | ·070 | ·070 | ·074 | ·079 | ·092 | ·098 | ·107 | ·093 | ·106 | ·103 | 2·203 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. MAY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 9 | 4 | 10 | 5 | 7 | 4 | 7 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 9 | 5 | 7 | 6 | 11 | 4 | — | 2 | 9 | 5 | 4 | 1 |
| 10 | 5 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | — | 3 | 32 | 5 | 32 | 4 | — | 3 | 31 | 4 | 4 | 2 |
| 26 | 4 | 30 | 6 | 31 | 4 | 30 | 4 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | 30 | 4 | — | 3 | 30 | 4 | 4 | 3 |
| 19 | 14 | 20 | 14 | 19 | 14 | 19 | 15 | 18 | 15 | 18 | 12 | 17 | 9 | 17 | 10 | 16 | 10 | 16 | 10 | 16 | 12 | 16 | 10 | 10 | 4 |
| 17 | 22 | 17 | 21 | 18 | 22 | 18 | 20 | 17 | 20 | 18 | 18 | 18 | 18 | 19 | 15 | 19 | 13 | 19 | 12 | 18 | 12 | 19 | 13 | 17 | 5 |
| 23 | 20 | 22 | 20 | 23 | 19 | 21 | 18 | 22 | 15 | 22 | 14 | 23 | 11 | 23 | 9 | 23 | 9 | 23 | 6 | 23 | 4 | 23 | 5 | 15 | 6 |
| 16 | 10 | 18 | 10 | 18 | 15 | 18 | 15 | 17 | 11 | 18 | 12 | 19 | 13 | 19 | 14 | 20 | 17 | 19 | 14 | 19 | 15 | 19 | 18 | 10 | 7 |
| 18 | 19 | 18 | 18 | 17 | 17 | 17 | 18 | 17 | 18 | 18 | 17 | 18 | 15 | 18 | 13 | 18 | 15 | 19 | 18 | 19 | 17 | 19 | 15 | 18 | 8 |
| 19 | 15 | 18 | 15 | 18 | 18 | 19 | 17 | 19 | 17 | 18 | 15 | 18 | 13 | 18 | 11 | 18 | 9 | 18 | 11 | 18 | 13 | 18 | 15 | 13 | 9 |
| 19 | 13 | 19 | 11 | 19 | 12 | 21 | 11 | 20 | 11 | 20 | 10 | 20 | 8 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 4 | 9 | 10 |
| 12 | 7 | 13 | 7 | 14 | 7 | 14 | 7 | 13 | 6 | 13 | 5 | 14 | 4 | — | 3 | — | 2 | — | 3 | 23 | 6 | 23 | 4 | 5 | 11 |
| 20 | 12 | 21 | 13 | 20 | 15 | 21 | 12 | 20 | 12 | 21 | 12 | 20 | 9 | 22 | 7 | 22 | 5 | 22 | 6 | 22 | 7 | 22 | 7 | 8 | 12 |
| 20 | 18 | 20 | 18 | 20 | 15 | 20 | 15 | 19 | 14 | 19 | 10 | 18 | 7 | 17 | 7 | 16 | 8 | 15 | 10 | 15 | 12 | 15 | 12 | 11 | 13 |
| 18 | 17 | 19 | 18 | 19 | 18 | 19 | 18 | 19 | 19 | 18 | 18 | 17 | 15 | 17 | 18 | 17 | 18 | 17 | 19 | 18 | 22 | 18 | 23 | 17 | 14 |
| 24 | 14 | 24 | 12 | 25 | 14 | 23 | 12 | 24 | 13 | 23 | 13 | 23 | 14 | 23 | 12 | 23 | 12 | 23 | 9 | 23 | 11 | 23 | 11 | 16 | 15 |
| 20 | 13 | 20 | 15 | 21 | 12 | 21 | 12 | 21 | 11 | 21 | 9 | 20 | 8 | 22 | 10 | 19 | 7 | 19 | 8 | 20 | 6 | 21 | 7 | 9 | 16 |
| 20 | 9 | 20 | 9 | 19 | 8 | 19 | 10 | 21 | 9 | 20 | 9 | 20 | 7 | 20 | 6 | 21 | 4 | 21 | 4 | 21 | 5 | 20 | 7 | 10 | 17 |
| 20 | 7 | 20 | 7 | 20 | 6 | 22 | 5 | 21 | 5 | — | 3 | 21 | 4 | — | 3 | 20 | 4 | — | 3 | — | 2 | — | 2 | 6 | 18 |
| — | 3 | 31 | 4 | 31 | 10 | 30 | 10 | 30 | 7 | 30 | 6 | 30 | 7 | 31 | 7 | 31 | 6 | 31 | 6 | 32 | 7 | 32 | 7 | 5 | 19 |
| — | 3 | — | 2 | — | 3 | 11 | 4 | — | 3 | 30 | 4 | 31 | 6 | 31 | 4 | 30 | 5 | 31 | 5 | 31 | 5 | 31 | 7 | 5 | 20 |
| 26 | 12 | 25 | 13 | 25 | 15 | 25 | 15 | 25 | 15 | 24 | 13 | 24 | 12 | 23 | 10 | 23 | 10 | 23 | 12 | 22 | 12 | 23 | 12 | 11 | 21 |
| 27 | 17 | 28 | 16 | 29 | 15 | 26 | 15 | 26 | 12 | 26 | 12 | 26 | 9 | 27 | 7 | 27 | 6 | 27 | 5 | 27 | 8 | 27 | 7 | 13 | 22 |
| 28 | 8 | 26 | 7 | 26 | 8 | 27 | 10 | 28 | 7 | 30 | 6 | 28 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | 22 | 4 | 6 | 23 |
| 20 | 17 | 20 | 18 | 20 | 19 | 20 | 18 | 20 | 19 | 20 | 18 | 19 | 16 | 19 | 15 | 19 | 14 | 24 | 7 | 24 | 7 | 23 | 9 | 11 | 24 |
| 20 | 18 | 20 | 18 | 20 | 17 | 20 | 15 | 21 | 12 | 22 | 10 | 22 | 10 | 21 | 7 | 21 | 7 | 22 | 8 | 21 | 8 | 22 | 9 | 12 | 25 |
| 28 | 10 | 28 | 9 | 29 | 6 | 28 | 9 | 28 | 7 | 30 | 6 | 30 | 4 | — | 2 | — | 2 | 30 | 4 | — | 3 | 30 | 4 | 6 | 26 |
| 10 | 6 | 10 | 7 | 9 | 8 | 10 | 6 | 7 | 4 | 4 | 5 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 5 | 5 | 27 |
| 9 | 7 | 7 | 9 | 8 | 7 | 9 | 7 | 10 | 5 | — | 3 | — | 2 | — | 2 | 30 | 4 | 30 | 4 | — | 1 | — | 1 | 6 | 28 |
| 4 | 7 | 7 | 5 | 3 | 4 | 1 | 4 | 32 | 11 | 32 | 8 | 30 | 9 | 31 | 11 | 32 | 8 | 32 | 9 | 32 | 9 | 1 | 7 | 7 | 29 |
| 6 | 5 | 7 | 4 | 6 | 5 | 6 | 4 | 8 | 4 | 6 | 4 | — | 3 | — | 3 | — | 2 | — | 3 | — | 2 | — | 1 | 4 | 30 |
| 8 | 5 | 7 | 4 | 9 | 4 | 9 | 4 | 9 | 4 | 9 | 4 | — | 3 | — | 3 | 9 | 4 | — | 3 | — | 2 | — | 2 | 4 | 31 |
| — | 11 | — | 11 | — | 11 | — | 11 | — | 10 | — | 9 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | — | 8 | 9 | |
| — | 11·8 | — | 11·8 | — | 11·7 | — | 11·4 | — | 11·0 | — | 10·3 | — | 9·4 | — | 8·3 | — | 7·9 | — | 7·6 | — | 7·5 | — | 7·6 | 9·4 | Mean, 1881–1905. |

FALMOUTH. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. MAY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | 13·5 | Bright and cloudless day. |
| 2 | — | — | ·6 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·2 | — | — | — | — | — | — | — | — | 5·4 | A.M. bright; P.M. dull, with ●. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. [noon. |
| 4 | — | — | — | — | — | — | — | — | ·5 | ·8 | 1·0 | ·8 | ·9 | — | — | — | — | 4·0 | Dull morning, with ●, clearing in after- |
| 5 | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | — | 0·1 | Overcast most of day, with ● early and at night. |
| 6 | — | — | — | — | — | — | — | ·9 | ·9 | ·4 | ·4 | ·5 | ·1 | ·5 | ·5 | — | — | 4·2 | ●◦ showers early; cloudy to sunny. |
| 7 | — | ·5 | 1·0 | ·5 | ·3 | ·5 | 1·0 | ·4 | — | — | — | ·3 | — | — | — | — | — | 4·5 | Bright morning, becoming overcast and |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day; ●. [damp later. |
| 9 | — | — | — | — | — | ·3 | — | — | ·2 | ·4 | — | ·5 | — | ·3 | — | — | — | 1·7 | Overcast day, with occasional sunny |
| 10 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 11·0 | Cloudy early, then fine and bright. [breaks. |
| 11 | — | — | ·6 | ·3 | ·5 | ·2 | — | — | — | — | — | ·1 | — | — | — | — | — | 1·7 | Intermittent sunshine early, then overcast |
| 12 | — | ·5 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | ·7 | — | ·7 | ·8 | ·5 | — | — | — | 11·0 | Fine day. [and ●. |
| 13 | — | — | ·9 | ·7 | ·2 | ·9 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·6 | ·3 | — | — | 10·2 | ●◦ at 8h., but fine generally; ⊕ at 19h. |
| 14 | — | — | ·1 | ·9 | ·8 | 1·0 | ·9 | ·6 | 1·0 | 1·0 | ·9 | ·6 | ·9 | ·9 | ·1 | — | — | 9·7 | ● early and at night; day cloudy to bright. |
| 15 | — | — | — | — | — | ·8 | 1·0 | ·7 | 1·0 | ·9 | ·8 | ·7 | — | — | — | — | — | 5·9 | ●, with a fresh S. Wly. wind till 9h., then bright to dull. |
| 16 | — | — | — | — | — | 1·0 | 1·0 | ·3 | — | ·2 | — | — | — | — | — | — | — | 3·5 | Fair to dull, ≈◦ in evening. |
| 17 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·1 | ·1 | 1·0 | 1·0 | ·8 | ·1 | — | — | — | 6·6 | Overcast about mid-day, but rest of day |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. [fine. |
| 19 | — | — | — | — | — | — | — | — | ·2 | ·3 | ·8 | ·7 | ·1 | ·1 | — | — | — | 2·2 | A.M. dull; P.M. fair to dull again. |
| 20 | — | ·6 | 1·0 | 1·0 | ·8 | — | ·1 | — | — | — | ·4 | ·7 | ·5 | ·4 | — | — | — | 5·5 | Bright to fair. |
| 21 | — | ·2 | ·3 | ·7 | ·9 | 1·0 | ·8 | ·4 | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | 9·3 | Fine day, clouding over just before noon. |
| 22 | — | ·2 | ·7 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | 12·9 | ●◦ about 7h., then fine. |
| 23 | — | ·5 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·7 | ·5 | — | 13·3 | Very fine and bright. |
| 24 | — | — | — | ·6 | — | — | — | — | ·1 | ·1 | ·1 | ·9 | ·4 | — | — | — | — | 2·2 | Overcast at first, then clearer, but some- |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy, with ●◦. [what squally; |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | [● after 19h. |
| 27 | — | — | — | — | — | — | — | — | ·3 | ·4 | ·1 | ·3 | ·7 | 1·0 | 1·0 | ·7 | — | 4·5 | A.M. overcast; P.M. fine. |
| 28 | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | 14·4 | A cloudless day. |
| 29 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | 14·2 | Fine and bright. |
| 30 | — | ·5 | ·1 | — | ·1 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 10·9 | Fine day; very warm. |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day, clearing somewhat in evening; close. |
| | — | ·1 | ·1 | — | ·6 | ·1 | — | — | — | — | — | — | — | ·1 | ·2 | ·1 | — | 1·3 | Dull most of day, with ●◦ about 10h. and [14h. |
| | — | 4·6 | 10·4 | 11·3 | 12·2 | 15·4 | 15·3 | 14·0 | 13·5 | 13·6 | 15·1 | 16·1 | 13·9 | 12·6 | 10·3 | 4·4 | — | 182·7 | Total. |
| | 0·01 | 4·19 | 12·56 | 15·31 | 16·24 | 17·12 | 17·60 | 18·15 | 18·10 | 18·62 | 18·85 | 19·13 | 18·69 | 17·41 | 15·29 | 4·95 | 0·01 | 232·19 | Mean Total, 1881–1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MAY, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51·2 | 50·7 | 49·0 | 48·0 | 48·9 | 48·3 | 48·0 | 51·8 | 54·9 | 57·5 | 58·4 | 59·4 | 57·0 | 58·7 | 59·0 | 58·0 | 57·1 | 58·0 | 57·1 | 56·2 | 54·3 | 55·3 | 54·1 | 52·4 | 53·0 | 54·3 |
| 2 | 53·0 | 51·2 | 52·0 | 51·3 | 52·1 | 52·9 | 53·8 | 55·5 | 56·8 | 58·2 | 58·1 | 59·0 | 61·0 | 61·0 | 60·0 | 58·0 | 56·0 | 56·2 | 57·0 | 56·1 | 55·2 | 53·5 | 53·3 | 53·3 | 53·5 | 55·7 |
| 3 | 53·5 | 52·2 | 50·9 | 51·7 | 51·8 | 51·0 | 51·0 | 51·6 | 52·2 | 52·8 | 53·7 | 55·0 | 54·6 | 54·2 | 54·0 | 53·8 | 53·3 | 53·7 | 53·2 | 52·8 | 51·9 | 51·2 | 51·3 | 51·1 | 50·7 | 52·5 |
| 4 | 50·7 | 50·3 | 49·7 | 49·3 | 49·3 | 49·9 | 50·0 | 50·0 | 50·6 | 50·2 | 51·0 | 53·0 | 56·0 | 55·9 | 57·2 | 57·9 | 57·4 | 55·6 | 54·3 | 53·5 | 52·0 | 51·9 | 51·2 | 51·3 | 51·3 | 52·4 |
| 5 | 51·3 | 51·1 | 51·0 | 51·0 | 51·3 | 51·1 | 51·8 | 52·7 | 53·4 | 53·8 | 56·3 | 55·4 | 54·3 | 56·0 | 56·5 | 55·5 | 55·0 | 54·3 | 53·4 | 52·7 | 51·3 | 50·3 | 50·9 | 51·1 | 51·0 | 53·0 |
| 6 | 51·0 | 51·0 | 50·3 | 50·3 | 50·2 | 50·0 | 50·0 | 50·2 | 50·8 | 51·8 | 52·3 | 54·0 | 56·0 | 54·8 | 54·3 | 54·0 | 53·9 | 53·0 | 53·0 | 51·0 | 49·0 | 47·1 | 46·4 | 45·9 | 45·3 | 51·1 |
| 7 | 45·3 | 45·4 | 44·3 | 44·3 | 44·4 | 44·0 | 44·3 | 49·0 | 51·2 | 54·9 | 55·3 | 56·4 | 56·4 | 56·7 | 55·8 | 57·1 | 56·0 | 53·3 | 52·7 | 52·9 | 52·2 | 52·0 | 52·0 | 52·1 | 52·2 | 51·3 |
| 8 | 52·2 | 52·2 | 52·0 | 52·0 | 51·9 | 52·0 | 52·0 | 52·4 | 52·5 | 53·3 | 53·0 | 54·0 | 54·0 | 54·0 | 54·7 | 54·0 | 53·6 | 54·0 | 53·8 | 53·0 | 52·3 | 52·2 | 51·9 | 52·1 | 51·9 | 52·9 |
| 9 | 51·9 | 51·9 | 51·5 | 51·0 | 51·0 | 51·1 | 51·4 | 52·0 | 53·1 | 55·0 | 56·8 | 56·7 | 56·3 | 59·0 | 58·3 | 58·1 | 57·2 | 55·8 | 54·3 | 53·4 | 52·7 | 52·7 | 52·3 | 52·1 | 51·9 | 54·0 |
| 10 | 51·9 | 51·7 | 50·9 | 49·0 | 48·1 | 48·2 | 49·0 | 50·4 | 51·4 | 53·7 | 54·1 | 55·7 | 55·3 | 56·2 | 56·2 | 56·2 | 55·3 | 55·0 | 53·6 | 52·0 | 49·4 | 48·1 | 46·9 | 47·0 | 47·2 | 51·8 |
| 11 | 47·2 | 46·3 | 45·5 | 45·4 | 45·0 | 45·5 | 49·8 | 52·0 | 53·7 | 56·0 | 56·1 | 56·0 | 56·1 | 56·0 | 55·3 | 56·8 | 55·3 | 54·5 | 53·0 | 52·2 | 51·9 | 49·3 | 47·0 | 46·0 | 45·8 | 51·3 |
| 12 | 45·8 | 46·0 | 45·3 | 45·9 | 45·5 | 44·9 | 46·0 | 49·0 | 50·8 | 52·8 | 53·3 | 55·1 | 56·0 | 57·1 | 55·2 | 53·3 | 53·2 | 54·8 | 52·1 | 50·1 | 48·4 | 47·0 | 46·8 | 46·8 | 47·0 | 50·1 |
| 13 | 47·0 | 46·2 | 46·3 | 45·3 | 45·2 | 45·2 | 46·6 | 50·0 | 47·0 | 50·8 | 52·0 | 53·0 | 54·2 | 54·1 | 53·8 | 54·8 | 54·3 | 53·0 | 52·2 | 50·8 | 50·6 | 50·0 | 50·0 | 50·1 | 50·0 | 50·2 |
| 14 | 50·0 | 49·3 | 49·5 | 49·2 | 49·0 | 49·8 | 50·2 | 51·0 | 52·0 | 54·0 | 55·4 | 54·4 | 55·0 | 55·1 | 54·8 | 56·0 | 55·3 | 54·0 | 52·7 | 51·1 | 50·9 | 49·0 | 48·7 | 49·0 | 48·9 | 51·9 |
| 15 | 48·9 | 48·0 | 47·9 | 48·2 | 48·3 | 48·8 | 48·7 | 48·6 | 49·0 | 50·4 | 52·5 | 54·1 | 55·0 | 55·0 | 54·7 | 55·0 | 53·7 | 53·0 | 52·9 | 51·9 | 50·6 | 50·0 | 49·0 | 48·1 | 47·0 | 50·9 |
| 16 | 47·0 | 46·9 | 46·0 | 46·0 | 48·0 | 49·5 | 50·4 | 52·0 | 54·0 | 56·8 | 57·2 | 58·0 | 56·0 | 57·9 | 58·0 | 57·5 | 54·0 | 53·2 | 53·1 | 52·9 | 52·3 | 53·0 | 52·8 | 52·6 | 52·8 | 52·9 |
| 17 | 52·8 | 52·9 | 52·0 | 52·0 | 51·3 | 51·0 | 51·1 | 51·8 | 52·1 | 54·9 | 56·5 | 57·8 | 55·3 | 56·8 | 58·8 | 59·3 | 57·7 | 56·8 | 54·0 | 53·5 | 52·9 | 52·2 | 52·4 | 52·5 | 52·2 | 54·1 |
| 18 | 52·2 | 52·2 | 52·0 | 51·2 | 50·8 | 50·9 | 50·6 | 51·0 | 51·9 | 52·6 | 53·3 | 54·3 | 54·8 | 55·0 | 55·3 | 55·6 | 55·0 | 55·0 | 54·0 | 54·1 | 53·2 | 52·3 | 51·3 | 51·2 | 51·0 | 52·9 |
| 19 | 51·9 | 49·4 | 49·0 | 48·7 | 48·3 | 48·0 | 48·6 | 49·0 | 49·4 | 51·0 | 53·0 | 53·3 | 55·3 | 56·7 | 58·0 | 56·0 | 55·5 | 54·8 | 54·0 | 53·1 | 52·0 | 52·0 | 51·7 | 51·1 | 50·9 | 52·0 |
| 20 | 50·6 | 51·0 | 50·4 | 50·9 | 49·9 | 49·1 | 50·1 | 51·9 | 53·7 | 55·2 | 57·0 | 57·2 | 57·0 | 60·7 | 60·7 | 60·1 | 62·0 | 60·0 | 59·0 | 56·7 | 55·3 | 53·4 | 52·4 | 52·1 | 51·9 | 54·9 |
| 21 | 51·9 | 51·9 | 51·1 | 50·2 | 49·7 | 49·1 | 49·9 | 50·3 | 52·1 | 54·1 | 55·7 | 53·0 | 53·3 | 53·0 | 52·7 | 53·0 | 53·0 | 52·2 | 51·0 | 48·8 | 47·2 | 46·0 | 46·2 | 46·9 | 46·7 | 50·9 |
| 22 | 46·7 | 47·1 | 47·7 | 48·0 | 48·0 | 48·0 | 48·9 | 48·1 | 49·3 | 52·0 | 51·4 | 52·0 | 52·0 | 52·4 | 52·9 | 53·7 | 53·3 | 53·4 | 53·2 | 51·0 | 49·1 | 49·0 | 48·2 | 48·0 | 47·3 | 50·2 |
| 23 | 47·3 | 47·8 | 47·7 | 47·7 | 47·6 | 48·1 | 47·2 | 49·3 | 51·7 | 53·7 | 55·7 | 56·1 | 57·0 | 56·1 | 56·5 | 57·7 | 57·0 | 56·5 | 55·4 | 53·9 | 53·2 | 51·3 | 50·1 | 49·6 | 50·0 | 51·0 |
| 24 | 51·0 | 50·9 | 50·8 | 50·0 | 50·0 | 50·0 | 49·1 | 50·2 | 51·7 | 53·1 | 54·0 | 55·2 | 55·0 | 55·3 | 57·7 | 56·2 | 57·1 | 56·1 | 55·0 | 54·2 | 53·7 | 52·7 | 52·7 | 50·3 | 49·7 | 52·4 |
| 25 | 49·0 | 49·3 | 49·9 | 50·0 | 50·0 | 50·5 | 50·7 | 51·0 | 51·9 | 52·7 | 53·0 | 53·7 | 54·8 | 56·0 | 56·0 | 55·5 | 55·3 | 53·4 | 52·4 | 52·3 | 54·0 | 53·1 | 53·0 | 53·0 | 53·0 | 52·9 |
| 26 | 52·4 | 52·3 | 52·3 | 52·0 | 51·3 | 51·7 | 52·0 | 53·1 | 54·0 | 55·0 | 56·0 | 56·1 | 57·0 | 58·7 | 58·0 | 58·0 | 57·0 | 59·7 | 58·9 | 57·2 | 54·8 | 52·7 | 50·7 | 50·1 | 49·3 | 54·6 |
| 27 | 49·3 | 48·7 | 49·0 | 49·8 | 49·0 | 49·8 | 51·1 | 54·3 | 56·7 | 58·7 | 58·3 | 60·0 | 60·0 | 60·8 | 60·3 | 60·7 | 60·3 | 62·0 | 61·0 | 61·1 | 60·3 | 58·7 | 57·0 | 56·6 | 57·0 | 56·8 |
| 28 | 57·0 | 57·8 | 57·1 | 56·5 | 56·3 | 55·8 | 56·1 | 58·0 | 59·0 | 59·4 | 61·0 | 61·1 | 61·1 | 61·1 | 61·0 | 61·2 | 62·3 | 63·0 | 63·0 | 63·9 | 62·3 | 59·1 | 58·3 | 57·0 | 55·7 | 59·3 |
| 29 | 55·7 | 55·0 | 54·7 | 55·0 | 53·5 | 53·0 | 53·6 | 55·1 | 55·9 | 56·9 | 59·0 | 59·8 | 60·9 | 62·1 | 62·3 | 62·8 | 65·0 | 66·1 | 66·0 | 63·1 | 59·0 | 57·0 | 57·8 | 60·7 | 60·4 | 58·9 |
| 30 | 60·4 | 60·0 | 58·6 | 58·0 | 57·0 | 56·7 | 56·3 | 57·0 | 57·2 | 57·3 | 57·4 | 57·7 | 57·4 | 58·9 | 57·0 | 57·4 | 58·1 | 58·1 | 58·7 | 57·8 | 57·8 | 57·3 | 56·9 | 56·3 | 55·0 | 53·3 | 57·5 |
| 31 | 53·3 | 53·9 | 54·0 | 54·0 | 53·7 | 53·7 | 55·2 | 56·3 | 57·0 | 58·8 | 56·1 | 57·1 | 57·8 | 58·3 | 58·0 | 58·1 | 58·0 | 59·2 | 59·0 | 59·1 | 57·2 | 56·9 | 56·3 | 56·1 | 56·0 | 56·6 |
| Mean ... | 50·9 | 50·7 | 50·3 | 50·1 | 49·9 | 49·9 | 50·5 | 51·9 | 52·9 | 54·5 | 55·3 | 55·9 | 56·2 | 57·0 | 56·9 | 56·8 | 56·3 | 56·0 | 55·2 | 54·3 | 53·0 | 52·1 | 51·5 | 51·3 | 51·1 | 53·3 |
| Mean, 1871–1905. | 49·1 | 48·9 | 48·6 | 48·4 | 48·1 | 48·2 | 48·8 | 50·8 | 52·1 | 53·5 | 54·1 | 55·0 | 55·2 | 55·7 | 55·5 | 55·5 | 55·1 | 54·8 | 53·8 | 52·7 | 51·3 | 50·4 | 49·9 | 49·6 | 49·3 | 51·8 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MAY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 94 | 94 | 95 | 95 | 94 | 97 | 94 | 87 | 78 | 78 | 79 | 82 | 81 | 79 | 81 | 81 | 80 | 78 | 79 | 81 | 85 | 81 | 84 | 89 | 83 | 85·0 |
| 2 | 83 | 92 | 86 | 90 | 85 | 82 | 79 | 76 | 73 | 75 | 74 | 73 | 72 | 73 | 74 | 77 | 83 | 85 | 79 | 87 | 92 | 90 | 91 | 88 | 91 | 81·8 |
| 3 | 91 | 93 | 94 | 91 | 94 | 95 | 95 | 96 | 96 | 93 | 89 | 87 | 88 | 87 | 86 | 86 | 86 | 83 | 86 | 87 | 87 | 88 | 91 | 91 | 93 | 90·0 |
| 4 | 93 | 92 | 95 | 97 | 98 | 95 | 95 | 96 | 96 | 98 | 97 | 95 | 91 | 87 | 81 | 77 | 75 | 78 | 84 | 88 | 93 | 93 | 93 | 91 | 92 | 90·8 |
| 5 | 92 | 93 | 94 | 96 | 97 | 94 | 94 | 94 | 91 | 90 | 87 | 89 | 92 | 87 | 85 | 87 | 86 | 89 | 90 | 92 | 94 | 96 | 94 | 94 | 94 | 91·6 |
| 6 | 94 | 94 | 94 | 95 | 96 | 94 | 94 | 93 | 89 | 86 | 86 | 80 | 72 | 76 | 78 | 76 | 77 | 80 | 74 | 80 | 85 | 92 | 94 | 94 | 92 | 86·3 |
| 7 | 92 | 91 | 92 | 88 | 89 | 91 | 91 | 86 | 81 | 74 | 72 | 69 | 68 | 69 | 70 | 76 | 75 | 76 | 79 | 85 | 84 | 88 | 91 | 90 | 92 | 83·5 |
| 8 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 98 | 97 | 98 | 97 | 94 | 94 | 94 | 93 | 95 | 96 | 92 | 89 | 93 | 93 | 94 | 96 | 97 | 96 | 95·9 |
| 9 | 96 | 98 | 97 | 98 | 96 | 96 | 96 | 92 | 90 | 87 | 77 | 83 | 79 | 71 | 72 | 75 | 75 | 78 | 83 | 83 | 84 | 84 | 86 | 89 | 94 | 86·0 |
| 10 | 94 | 94 | 93 | 92 | 94 | 96 | 94 | 90 | 86 | 76 | 71 | 66 | 59 | 64 | 64 | 64 | 64 | 66 | 68 | 76 | 88 | 92 | 94 | 93 | 95 | 80·8 |
| 11 | 95 | 98 | 96 | 97 | 98 | 96 | 95 | 92 | 88 | 81 | 81 | 80 | 79 | 77 | 79 | 80 | 83 | 84 | 92 | 96 | 94 | 93 | 97 | 94 | 94 | 89·4 |
| 12 | 94 | 93 | 96 | 94 | 96 | 95 | 97 | 92 | 81 | 74 | 72 | 69 | 68 | 69 | 70 | 76 | 75 | 76 | 79 | 85 | 84 | 88 | 91 | 90 | 92 | 83·5 |
| 13 | 92 | 93 | 84 | 91 | 90 | 91 | 91 | 85 | 86 | 82 | 76 | 73 | 71 | 70 | 69 | 72 | 69 | 74 | 80 | 83 | 86 | 87 | 91 | 91 | 93 | 82·0 |
| 14 | 93 | 96 | 95 | 97 | 98 | 96 | 98 | 94 | 86 | 84 | 78 | 78 | 75 | 73 | 71 | 70 | 73 | 74 | 76 | 83 | 83 | 92 | 95 | 94 | 94 | 85·5 |
| 15 | 92 | 94 | 94 | 98 | 97 | 94 | 95 | 96 | 96 | 92 | 81 | 75 | 75 | 75 | 75 | 79 | 82 | 82 | 82 | 84 | 87 | 87 | 90 | 92 | 88 | 87·2 |
| 16 | 88 | 93 | 94 | 99 | 96 | 98 | 98 | 98 | 92 | 87 | 87 | 82 | 85 | 84 | 83 | 86 | 93 | 94 | 94 | 94 | 97 | 95 | 97 | 97 | 96 | 92·2 |
| 17 | 96 | 96 | 99 | 99 | 99 | 99 | 99 | 96 | 98 | 90 | 86 | 86 | 89 | 87 | 84 | 82 | 82 | 83 | 87 | 90 | 92 | 93 | 92 | 90 | 89 | 91·3 |
| 18 | 89 | 90 | 87 | 88 | 89 | 93 | 94 | 93 | 93 | 90 | 91 | 87 | 87 | 87 | 87 | 88 | 89 | 92 | 92 | 94 | 97 | 98 | 99 | 98 | 91 | 91·1 |
| 19 | 98 | 97 | 95 | 95 | 97 | 98 | 97 | 94 | 95 | 92 | 87 | 88 | 81 | 83 | 75 | 76 | 79 | 84 | 87 | 91 | 95 | 95 | 95 | 97 | 96 | 90·4 |
| 20 | 96 | 96 | 98 | 94 | 95 | 97 | 93 | 87 | 78 | 80 | 79 | 77 | 79 | 70 | 65 | 65 | 67 | 66 | 74 | 75 | 76 | 86 | 86 | 90 | 90 | 81·9 |
| 21 | 90 | 87 | 87 | 87 | 88 | 86 | 83 | 80 | 75 | 69 | 65 | 75 | 68 | 67 | 65 | 59 | 59 | 62 | 66 | 70 | 76 | 80 | 79 | 81 | 81 | 75·0 |
| 22 | 81 | 79 | 81 | 73 | 78 | 79 | 75 | 80 | 73 | 65 | 66 | 66 | 64 | 65 | 59 | 56 | 65 | 67 | 68 | 78 | 83 | 85 | 91 | 92 | 92 | 73·9 |
| 23 | 92 | 92 | 89 | 91 | 91 | 93 | 90 | 81 | 72 | 70 | 65 | 71 | 65 | 63 | 66 | 67 | 61 | 69 | 74 | 75 | 81 | 91 | 91 | 93 | 93 | 78·8 |
| 24 | 93 | 92 | 88 | 92 | 92 | 95 | 92 | 86 | 73 | 79 | 79 | 81 | 79 | 72 | 78 | 76 | 80 | 83 | 86 | 89 | 95 | 95 | 90 | 94 | 94 | 85·8 |
| 25 | 94 | 94 | 93 | 93 | 93 | 92 | 93 | 93 | 89 | 89 | 88 | 89 | 88 | 86 | 83 | 90 | 97 | 92 | 86 | 86 | 92 | 93 | 93 | 93 | 92 | 90·8 |
| 26 | 92 | 93 | 92 | 87 | 92 | 91 | 93 | 89 | 76 | 76 | 70 | 69 | 68 | 62 | 68 | 72 | 66 | 63 | 66 | 72 | 83 | 88 | 94 | 95 | 98 | 80·0 |
| 27 | 80 | 77 | 77 | 78 | 77 | 77 | 76 | 73 | 75 | 74 | 72 | 71 | 68 | 66 | 67 | 66 | 61 | 62 | 62 | 61 | 68 | 77 | 78 | 82 | 88 | 72·0 |
| 28 | 88 | 86 | 93 | 87 | 87 | 89 | 90 | 88 | 81 | 78 | 76 | 71 | 69 | 67 | 62 | 60 | 59 | 58 | 60 | 64 | 71 | 73 | 77 | 77 | 68 | 74·0 |
| 29 | 67 | 69 | 74 | 76 | 76 | 78 | 80 | 81 | 79 | 79 | 80 | 82 | 81 | 78 | 85 | 85 | 82 | 84 | 81 | 83 | 85 | 86 | 88 | 91 | 93 | 80·9 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 93 | 94 | 92 | 91 | 89 | 88 | 87 | 87 | 87 | 83 | 92 | 91 | 88 | 87 | 89 | 93 | 91 | 89 | 88 | 87 | 92 | 90 | 91 | 92 | 93 | 89·7 |
| Mean ... | 91·3 | 91·7 | 91·3 | 91·5 | 91·9 | 91·9 | 91·3 | 88·5 | 84·5 | 81·5 | 79·7 | 79·4 | 77·5 | 76·0 | 75·8 | 76·3 | 77·1 | 78·1 | 79·7 | 82·9 | 86·5 | 88·9 | 90·4 | 90·9 | 91·3 | 84·8 |
| Mean, 1886–1905. | 86·8 | 87·2 | 87·5 | 87·6 | 87·9 | 88·0 | 86·3 | 82·5 | 78·3 | 74·9 | 73·2 | 72·5 | 71·8 | 71·7 | 71·3 | 71·8 | 72·2 | 72·7 | 74·5 | 78·2 | 82·1 | 85·0 | 86·2 | 86·8 | 87·1 | 79·9 |

[*Price Sixpence.*]

# KEW OBSERVATORY. MAY, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{\frac{1}{2}1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°. &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. MAY, 1908.

| Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | | Day. | Pressure. | | Temperature. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·173 | 0·095 | 74·1 | 53·7 | 9 | 9·858 | 9·705 | 65·3 | 49·6 | 17 | 0·436 | 0·331 | 72·7 | 55·5 | 25 | 9·961 | 9·801 | 59·6 | 50·2 |
| 2 | 0·097 | 9·983 | 74·4 | 50·8 | 10 | 9·977 | 9·853 | 63·1 | 47·9 | 18 | 0·463 | 0·389 | 70·0 | 52·2 | 26 | 0·353 | 9·959 | 62·2 | 51·8 |
| 3 | 0·007 | 9·884 | 57·2 | 49·7 | 11 | 9·999 | 9·808 | 60·6 | 43·3 | 19 | 0·395 | 0·209 | 73·1 | 52·3 | 27 | **0·499** | 0·353 | 72·0 | 48·9 |
| 4 | 9·884 | 9·617 | 61·0 | 49·7 | 12 | 9·817 | 9·735 | 63·5 | 47·9 | 20 | 0·313 | 0·082 | 64·7 | 51·9 | 28 | 0·488 | 0·338 | 68·6 | 48·8 |
| 5 | 9·621 | 9·399 | 58·1 | 48·9 | 13 | 9·753 | 9·685 | 59·0 | 45·1 | 21 | 0·082 | 9·735 | 64·8 | 45·9 | 29 | 0·375 | 0·065 | 70·0 | 50·9 |
| 6 | 9·667 | **9·365** | 59·3 | 48·4 | 14 | 9·696 | 9·580 | 54·7 | 43·6 | 22 | 9·924 | 9·717 | 58·7 | 44·4 | 30 | 0·065 | 9·892 | 67·4 | 53·6 |
| 7 | 9·937 | 9·667 | 62·0 | 45·0 | 15 | 9·887 | 9·643 | 55·1 | 45·9 | 23 | 0·080 | 9·924 | 61·0 | **41·6** | 31 | 9·944 | 9·887 | **76·0** | 54·8 |
| 8 | 9·875 | 9·735 | 58·3 | 53·0 | 16 | 0·333 | 9·887 | 62·2 | 46·0 | 24 | 0·069 | 9·839 | 62·8 | 42·0 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 64·2 | 48·8 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. MAY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·154 | 0·152 | 0·153 | 0·151 | 0·143 | 0·155 | 0·161 | 0·167 | 0·167 | 0·165 | 0·167 | 0·161 | 0·152 | 0·147 | 0·133 | 0·123 | 0·111 | 0·101 | 0·102 | 0·105 | 0·106 | 0·105 | 0·103 | 0·101 | 0·095 | 0·136 |
| 2 | 0·095 | 0·088 | 0·084 | 0·079 | 0·073 | 0·073 | 0·069 | 0·069 | 0·071 | 0·069 | 0·058 | 0·056 | 0·038 | 0·027 | 0·018 | 0·003 | 9·991 | 9·987 | 9·986 | 9·991 | 9·998 | 0·006 | 0·010 | 0·007 | 0·003 | 0·038 |
| 3 | 0·003 | 0·003 | 9·988 | 9·971 | 9·975 | 9·972 | 9·971 | 9·985 | 9·989 | 9·971 | 9·985 | 9·981 | 9·976 | 9·970 | 9·968 | 9·953 | 9·948 | 9·938 | 9·925 | 9·918 | 9·924 | 9·929 | 9·918 | 9·906 | 9·884 | 9·959 |
| 4 | 9·884 | 9·858 | 9·841 | 9·836 | 9·820 | 9·812 | 9·798 | 9·776 | 9·776 | 9·752 | 9·728 | 9·713 | 9·713 | 9·693 | 9·671 | 9·659 | 9·640 | 9·638 | 9·636 | 9·638 | 9·639 | 9·639 | 9·630 | 9·617 | 9·619 | 9·720 |
| 5 | 9·619 | 9·611 | 9·609 | 9·595 | 9·587 | 9·587 | 9·573 | 9·569 | 9·547 | 9·537 | 9·525 | 9·511 | 9·498 | 9·487 | 9·470 | 9·453 | 9·436 | 9·433 | 9·425 | 9·425 | 9·425 | 9·418 | 9·405 | 9·401 | 9·502 | 9·503 |
| 6 | 9·401 | 9·389 | 9·379 | 9·377 | 9·371 | 9·368 | 9·367 | 9·368 | 9·367 | 9·371 | 9·378 | 9·371 | 9·369 | 9·367 | 9·392 | 9·409 | 9·432 | 9·460 | 9·500 | 9·533 | 9·569 | 9·594 | 9·630 | 9·647 | 9·667 | 9·439 |
| 7 | 9·667 | 9·683 | 9·698 | 9·725 | 9·747 | 9·769 | 9·799 | 9·819 | 9·840 | 9·853 | 9·875 | 9·904 | 9·906 | 9·914 | 9·913 | 9·906 | 9·915 | 9·919 | 9·920 | 9·933 | 9·935 | 9·928 | 9·916 | 9·890 | 9·875 | 9·853 |
| 8 | 9·875 | 9·856 | 9·839 | 9·835 | 9·838 | 9·835 | 9·849 | 9·850 | 9·857 | 9·852 | 9·854 | 9·855 | 9·855 | 9·851 | 9·851 | 9·841 | 9·837 | 9·820 | 9·808 | 9·806 | 9·801 | 9·799 | 9·765 | 9·764 | 9·735 | 9·830 |
| 9 | 9·735 | 9·736 | 9·719 | 9·711 | 9·709 | 9·723 | 9·751 | 9·752 | 9·764 | 9·776 | 9·779 | 9·787 | 9·794 | 9·793 | 9·795 | 9·793 | 9·795 | 9·804 | 9·811 | 9·830 | 9·839 | 9·851 | 9·855 | 9·854 | 9·856 | 9·784 |
| 10 | 9·856 | 9·859 | 9·857 | 9·865 | 9·853 | 9·855 | 9·860 | 9·863 | 9·865 | 9·876 | 9·878 | 9·873 | 9·879 | 9·867 | 9·869 | 9·870 | 9·865 | 9·873 | 9·885 | 9·901 | 9·927 | 9·945 | 9·960 | 9·971 | 9·977 | 9·885 |
| 11 | 9·977 | 9·979 | 9·980 | 9·981 | 9·984 | 9·989 | 9·993 | 9·999 | 9·991 | 9·971 | 9·961 | 9·956 | 9·932 | 9·922 | 9·896 | 9·886 | 9·872 | 9·858 | 9·848 | 9·843 | 9·849 | 9·843 | 9·832 | 9·816 | 9·814 | 9·920 |
| 12 | 9·814 | 9·797 | 9·782 | 9·775 | 9·778 | 9·782 | 9·787 | 9·786 | 9·806 | 9·801 | 9·788 | 9·785 | 9·787 | 9·776 | 9·772 | 9·764 | 9·754 | 9·744 | 9·739 | 9·739 | 9·757 | 9·761 | 9·757 | 9·750 | 9·749 | 9·773 |
| 13 | 9·749 | 9·745 | 9·740 | 9·740 | 9·750 | 9·748 | 9·748 | 9·744 | 9·745 | 9·741 | 9·738 | 9·739 | 9·732 | 9·715 | 9·693 | 9·700 | 9·700 | 9·700 | 9·687 | 9·697 | 9·705 | 9·707 | 9·705 | 9·709 | 9·694 | 9·722 |
| 14 | 9·694 | 9·691 | 9·683 | 9·673 | 9·653 | 9·651 | 9·643 | 9·641 | 9·637 | 9·635 | 9·631 | 9·616 | 9·604 | 9·604 | 9·599 | 9·590 | 9·580 | 9·584 | 9·586 | 9·586 | 9·602 | 9·621 | 9·628 | 9·646 | 9·651 | 9·628 |
| 15 | 9·651 | 9·656 | 9·651 | 9·652 | 9·646 | 9·652 | 9·652 | 9·658 | 9·668 | 9·678 | 9·686 | 9·689 | 9·685 | 9·687 | 9·680 | 9·670 | 9·673 | 9·681 | 9·701 | 9·723 | 9·763 | 9·794 | 9·830 | 9·851 | 9·887 | 9·700 |
| 16 | 9·887 | 9·914 | 9·939 | 9·965 | 0·006 | 0·034 | 0·068 | 0·093 | 0·119 | 0·143 | 0·163 | 0·171 | 0·190 | 0·205 | 0·221 | 0·225 | 0·238 | 0·248 | 0·261 | 0·269 | 0·291 | 0·307 | 0·327 | 0·325 | 0·333 | 0·160 |
| 17 | 0·333 | 0·333 | 0·343 | 0·339 | 0·349 | 0·353 | 0·365 | 0·378 | 0·391 | 0·390 | 0·401 | 0·399 | 0·391 | 0·394 | 0·396 | 0·395 | 0·397 | 0·394 | 0·401 | 0·403 | 0·410 | 0·421 | 0·423 | 0·430 | 0·434 | 0·387 |
| 18 | 0·434 | 0·435 | 0·443 | 0·440 | 0·437 | 0·443 | 0·453 | 0·453 | 0·461 | 0·459 | 0·458 | 0·449 | 0·434 | 0·425 | 0·420 | 0·415 | 0·401 | 0·394 | 0·389 | 0·391 | 0·393 | 0·403 | 0·400 | 0·395 | 0·395 | 0·425 |
| 19 | 0·395 | 0·389 | 0·383 | 0·376 | 0·371 | 0·371 | 0·369 | 0·373 | 0·364 | 0·359 | 0·348 | 0·333 | 0·308 | 0·287 | 0·263 | 0·242 | 0·226 | 0·217 | 0·216 | 0·209 | 0·224 | 0·233 | 0·242 | 0·253 | 0·256 | 0·303 |
| 20 | 0·256 | 0·262 | 0·269 | 0·267 | 0·276 | 0·284 | 0·298 | 0·302 | 0·310 | 0·309 | 0·305 | 0·302 | 0·288 | 0·272 | 0·254 | 0·240 | 0·214 | 0·204 | 0·194 | 0·175 | 0·160 | 0·152 | 0·136 | 0·119 | 0·082 | 0·240 |
| 21 | 0·082 | 0·044 | 0·010 | 9·974 | 9·936 | 9·922 | 9·902 | 9·893 | 9·882 | 9·862 | 9·835 | 9·820 | 9·805 | 9·790 | 9·782 | 9·770 | 9·751 | 9·738 | 9·741 | 9·745 | 9·764 | 9·778 | 9·794 | 9·794 | 9·791 | 9·845 |
| 22 | 9·791 | 9·788 | 9·784 | 9·770 | 9·764 | 9·756 | 9·757 | 9·752 | 9·738 | 9·732 | 9·723 | 9·723 | 9·723 | 9·727 | 9·733 | 9·745 | 9·793 | 9·813 | 9·833 | 9·873 | 9·881 | 9·886 | 9·907 | 9·924 | 9·948 | 9·788 |
| 23 | 9·924 | 9·938 | 9·953 | 9·959 | 9·973 | 9·991 | 0·008 | 0·022 | 0·028 | 0·037 | 0·044 | 0·041 | 0·041 | 0·038 | 0·033 | 0·033 | 0·028 | 0·036 | 0·042 | 0·051 | 0·068 | 0·077 | 0·077 | 0·073 | 0·059 | 0·025 |
| 24 | 0·060 | 0·061 | 0·047 | 0·036 | 0·017 | 0·019 | 0·023 | 0·021 | 0·005 | 9·993 | 9·969 | 9·953 | 9·931 | 9·912 | 9·899 | 9·887 | 9·881 | 9·867 | 9·876 | 9·873 | 9·874 | 9·873 | 9·863 | 9·851 | 9·839 | 9·945 |
| 25 | 9·839 | 9·827 | 9·817 | 9·805 | 9·803 | 9·803 | 9·823 | 9·825 | 9·825 | 9·823 | 9·838 | 9·847 | 9·858 | 9·857 | 9·864 | 9·874 | 9·874 | 9·882 | 9·898 | 9·908 | 9·917 | 9·932 | 9·949 | 9·958 | 9·959 | 9·863 |
| 26 | 9·959 | 9·970 | 9·994 | 0·002 | 0·026 | 0·054 | 0·062 | 0·086 | 0·104 | 0·120 | 0·132 | 0·143 | 0·153 | 0·171 | 0·191 | 0·207 | 0·211 | 0·229 | 0·239 | 0·258 | 0·281 | 0·304 | 0·318 | 0·334 | 0·352 | 0·156 |
| 27 | 0·352 | 0·364 | 0·379 | 0·392 | 0·404 | 0·422 | 0·435 | 0·446 |

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | — | 3 | — | 2 | 19 | 4 | 23 | 7 | 23 | 7 | 24 | 6 | 29 | 5 | 31 | 4 |
| 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | — | 0 | — | 1 | — | 1 | — | 2 | — | 3 | — | 2 | — | 2 |
| 3 | 7 | 9 | 7 | 10 | 9 | 14 | 8 | 13 | 9 | 14 | 8 | 16 | 14 | 12 | 9 | 15 | 8 | 17 | 8 | 16 | 8 | 14 | 9 | 12 |
| 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 11 | 4 | — | 3 | 8 | 4 | 8 | 4 | 18 | 5 | 18 | 5 |
| 5 | 21 | 8 | 21 | 6 | 21 | 4 | — | 3 | 18 | 7 | 18 | 8 | 17 | 10 | 17 | 12 | 17 | 13 | 17 | 13 | 17 | 18 | 17 | 18 |
| 6 | 17 | 8 | 18 | 8 | 18 | 7 | 18 | 8 | 18 | 10 | 18 | 12 | 18 | 11 | 19 | 16 | 19 | 15 | 18 | 13 | 19 | 18 | 20 | 18 |
| 7 | 22 | 8 | 21 | 8 | 22 | 7 | 22 | 6 | 22 | 4 | 22 | 7 | 24 | 10 | 23 | 10 | 25 | 11 | 25 | 10 | 24 | 12 | 24 | 11 |
| 8 | 20 | 15 | 19 | 15 | 20 | 13 | 21 | 14 | 21 | 13 | 20 | 13 | 20 | 15 | 20 | 14 | 20 | 15 | 20 | 13 | 20 | 14 | 20 | 15 |
| 9 | 20 | 12 | 21 | 14 | 20 | 11 | 20 | 11 | 20 | 10 | 21 | 9 | 20 | 9 | 21 | 10 | 23 | 11 | 26 | 11 | 25 | 10 | 24 | 10 |
| 10 | 20 | 7 | 20 | 6 | 20 | 7 | 20 | 6 | 20 | 5 | 19 | 10 | 20 | 12 | 20 | 16 | 20 | 13 | 19 | 15 | 20 | 13 | 25 | 11 |
| 11 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | 13 | 5 | 14 | 8 | 17 | 7 | 13 | 6 |
| 12 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | 6 | 4 | 22 | 7 | 23 | 5 | 22 | 7 | 22 | 7 | 24 | 7 |
| 13 | 24 | 4 | 24 | 4 | 21 | 6 | 21 | 5 | 21 | 5 | 21 | 5 | 25 | 7 | 22 | 7 | 22 | 10 | 20 | 10 | 22 | 13 | 19 | 10 |
| 14 | 19 | 7 | 19 | 4 | 19 | 4 | — | 2 | — | 3 | 13 | 6 | 15 | 11 | 13 | 10 | 16 | 12 | 16 | 11 | 15 | 14 | 14 | 16 |
| 15 | 18 | 5 | 18 | 4 | 18 | 8 | 17 | 8 | 17 | 9 | 18 | 13 | 17 | 12 | 19 | 15 | 18 | 18 | 18 | 19 | 18 | 20 | 18 | 18 |
| 16 | 23 | 7 | 23 | 6 | 23 | 6 | 23 | 4 | 23 | 5 | 23 | 6 | 25 | 9 | 25 | 9 | 25 | 7 | 21 | 8 | 20 | 12 | 22 | 11 |
| 17 | 20 | 8 | 20 | 8 | 20 | 8 | 20 | 7 | 20 | 7 | 19 | 9 | 20 | 9 | 20 | 11 | 20 | 13 | 21 | 10 | 22 | 9 | 21 | 12 |
| 18 | 23 | 7 | 24 | 8 | 24 | 7 | 24 | 5 | 22 | 5 | 23 | 7 | 22 | 11 | 24 | 9 | 23 | 9 | 23 | 8 | 22 | 8 | 24 | 9 |
| 19 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | 22 | 4 | 23 | 7 |
| 20 | 1 | 6 | 1 | 5 | 1 | 6 | 1 | 7 | 2 | 8 | 3 | 7 | 3 | 8 | 5 | 8 | 5 | 7 | 6 | 7 | 7 | 9 | 8 | 7 |
| 21 | 7 | 5 | 7 | 6 | 7 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | 23 | 4 | 23 | 5 | — | 3 | 25 | 5 | 24 | 5 |
| 22 | 22 | 6 | 22 | 7 | 20 | 7 | 20 | 7 | 19 | 9 | 19 | 11 | 19 | 13 | 20 | 15 | 20 | 16 | 18 | 16 | 20 | 16 | 22 | 14 |
| 23 | 25 | 4 | 25 | 4 | 25 | 4 | — | 3 | 25 | 4 | 25 | 4 | 32 | 6 | 31 | 7 | 28 | 7 | 29 | 7 | 32 | 7 | 2 | 8 |
| 24 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 11 | 4 | 16 | 7 | 18 | 8 | 18 | 11 | 17 | 12 |
| 25 | 20 | 7 | 20 | 8 | 19 | 10 | 19 | 7 | 20 | 10 | 25 | 4 | 25 | 4 | 21 | 6 | 23 | 9 | 24 | 10 | 24 | 10 | 22 | 12 |
| 26 | 20 | 4 | — | 3 | 24 | 5 | 22 | 5 | 22 | 4 | 22 | 6 | 22 | 4 | 25 | 7 | 26 | 8 | 26 | 8 | 24 | 8 | 22 | 7 |
| 27 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 3 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 5 | 6 |
| 28 | — | 1 | — | 2 | — | 3 | — | 2 | 9 | 5 | 6 | 6 | 6 | 4 | 4 | 8 | 5 | 9 | 4 | 12 | 3 | 12 | 3 | 15 |
| 29 | 4 | 11 | 4 | 7 | 4 | 8 | 3 | 9 | 3 | 7 | 3 | 7 | 3 | 7 | 4 | 12 | 3 | 13 | 2 | 18 | 3 | 14 | 4 | 20 |
| 30 | 2 | 7 | 3 | 7 | 3 | 10 | 3 | 8 | 3 | 7 | 3 | 6 | 3 | 7 | 4 | 9 | 5 | 7 | 5 | 9 | 7 | 8 | 6 | 11 |
| 31 | — | 2 | — | 2 | — | 1 | — | 1 | — | 3 | — | 3 | 1 | 4 | 7 | 6 | 7 | 5 | 9 | 5 | 9 | 4 | 13 | 4 |
| Mean ... | — | 6 | — | 6 | — | 6 | — | 5 | — | 6 | — | 6 | — | 7 | — | 8 | — | 9 | — | 10 | — | 10 | — | 10 |
| Mean, 1881–1905. | — | 5·0 | — | 5·0 | — | 4·8 | — | 4·8 | — | 4·9 | — | 5·7 | — | 7·0 | — | 8·0 | — | 8·8 | — | 9·5 | — | 10·3 | — | 10·4 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. MAY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | 08 | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 18 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | 03 | 01 | 01 | 02 | 01 | 02 | — | — | — | — | — | — | — | — | — | 01 | 11 |
| 6 | 01 | — | 02 | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | 05 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 02 | 03 | 07 | 07 |
| 8 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | 02 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 02 | 03 | 03 | 01 | 06 | 17 | 17 |
| 12 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 13 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | 04 | — | — | 01 | — | — | — | — | — | — | 07 |
| 14 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 02 | 07 | 03 | 05 | 01 | — | — | — | — | — | — | 19 |
| 15 | — | — | — | — | — | — | — | — | — | 01 | 01 | 01 | 03 | — | — | 02 | — | — | — | — | — | — | — | — | 08 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | 02 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | 05 | 02 | 10 | 02 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 01 | 07 | 11 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 22 |
| Sum ... | 09 | 02 | 12 | 02 | 02 | 02 | — | 08 | 13 | 03 | 03 | 04 | 05 | 05 | 11 | 07 | 05 | 02 | 02 | 04 | 05 | 06 | 04 | 17 | 133 |
| Average 1871–1905. | ·055 | ·053 | ·066 | ·064 | ·097 | ·082 | ·079 | ·072 | ·073 | ·075 | ·049 | ·082 | ·068 | ·084 | ·106 | ·117 | ·106 | ·080 | ·055 | ·051 | ·048 | ·040 | ·052 | ·057 | 1·711 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. MAY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 31 | 5 | 2 | 7 | 32 | 5 | 28 | 4 | 29 | 7 | 1 | 5 | — | 3 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | 4 | 1 |
| 18 | 4 | 24 | 4 | — | 3 | — | 3 | 26 | 4 | 21 | 5 | 17 | 4 | 13 | 7 | 7 | 11 | 7 | 12 | 7 | 10 | 7 | 9 | 4 | 2 |
| 9 | 10 | 9 | 10 | 9 | 12 | 10 | 11 | 8 | 12 | 6 | 9 | 8 | 7 | 8 | 7 | 8 | 9 | 8 | 7 | 11 | 5 | 11 | 4 | 11 | 3 |
| 21 | 6 | 23 | 4 | 19 | 4 | 19 | 5 | 22 | 7 | 21 | 10 | 21 | 7 | 19 | 7 | 19 | 7 | 19 | 7 | 19 | 9 | 21 | 7 | 5 | 4 |
| 18 | 17 | 17 | 15 | 18 | 15 | 19 | 17 | 19 | 16 | 19 | 12 | 18 | 11 | 19 | 12 | 19 | 8 | 17 | 8 | 17 | 9 | 17 | 9 | 11 | 5 |
| 20 | 18 | 22 | 16 | 21 | 17 | 23 | 20 | 24 | 19 | 24 | 18 | 23 | 15 | 23 | 11 | 24 | 11 | 23 | 10 | 22 | 8 | 13 | 6 | | 6 |
| 24 | 10 | 22 | 10 | 21 | 10 | 22 | 11 | 23 | 12 | 22 | 11 | 20 | 13 | 20 | 10 | 19 | 10 | 17 | 10 | 18 | 9 | 19 | 15 | 10 | 7 |
| 20 | 16 | 22 | 16 | 21 | 15 | 21 | 14 | 20 | 18 | 20 | 15 | 20 | 15 | 19 | 10 | 19 | 11 | 19 | 11 | 19 | 10 | 18 | 13 | 14 | 8 |
| 25 | 10 | 23 | 10 | 20 | 12 | 21 | 15 | 20 | 13 | 21 | 15 | 20 | 11 | 20 | 9 | 20 | 9 | 20 | 8 | 20 | 8 | 20 | 6 | 11 | 9 |
| 24 | 10 | 24 | 11 | 22 | 9 | 23 | 10 | 23 | 9 | 26 | 9 | 26 | 6 | 21 | 7 | 21 | 7 | 21 | 5 | — | 2 | — | 3 | 9 | 10 |
| 16 | 5 | — | 3 | 16 | 4 | — | 2 | 14 | 4 | — | 3 | — | 2 | 10 | 5 | 10 | 4 | 10 | 4 | — | 3 | — | 3 | 4 | 11 |
| 22 | 6 | 25 | 6 | 21 | 6 | 24 | 7 | 20 | 6 | 22 | 6 | 21 | 7 | 21 | 6 | 24 | 4 | — | 2 | — | 3 | 24 | 4 | 5 | 12 |
| 19 | 11 | 20 | 16 | 23 | 13 | 20 | 11 | 18 | 11 | 19 | 9 | 19 | 10 | 20 | 8 | 19 | 8 | 19 | 7 | 19 | 7 | 19 | 5 | 8 | 13 |
| 15 | 18 | 14 | 14 | 14 | 12 | 14 | 12 | 16 | 12 | 17 | 10 | 18 | 7 | 18 | 6 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 7 | 9 | 14 |
| 17 | 18 | 19 | 19 | 18 | 18 | 19 | 18 | 21 | 15 | 22 | 16 | 22 | 15 | 22 | 12 | 23 | 9 | 23 | 10 | 24 | 9 | 24 | 10 | 13 | 15 |
| 22 | 10 | 22 | 8 | 23 | 10 | 22 | 7 | 23 | 8 | 24 | 6 | 24 | 7 | 20 | 8 | 20 | 8 | 20 | 7 | 20 | 6 | 20 | 7 | 8 | 16 |
| 24 | 11 | 23 | 11 | 22 | 10 | 23 | 12 | 25 | 10 | 25 | 10 | 26 | 6 | 20 | 7 | 21 | 7 | 21 | 7 | 21 | 6 | 21 | 9 | 9 | 17 |
| 26 | 9 | 23 | 8 | 26 | 8 | 23 | 7 | 24 | 7 | 27 | 7 | 26 | 4 | 26 | 4 | — | 2 | — | 3 | — | 3 | 24 | 7 | 3 | 18 |
| 23 | 6 | 20 | 5 | 21 | 5 | 27 | 5 | 26 | 7 | 27 | 5 | 26 | 5 | 29 | 4 | — | 2 | — | 2 | 29 | 4 | 29 | 4 | 4 | 19 |
| 9 | 10 | 9 | 10 | 8 | 12 | 10 | 12 | 9 | 13 | 8 | 16 | 8 | 18 | 9 | 12 | 8 | 13 | 8 | 12 | 9 | 9 | 7 | 6 | 10 | 20 |
| 25 | 9 | 25 | 10 | 27 | 10 | 26 | 10 | 25 | 11 | 24 | 10 | 25 | 7 | 25 | 11 | 24 | 9 | 23 | 10 | 21 | 6 | 22 | 5 | 6 | 21 |
| 23 | 13 | 23 | 17 | 24 | 13 | 24 | 12 | 24 | 11 | 25 | 11 | 25 | 8 | 23 | 6 | 25 | 6 | 25 | 5 | 25 | 5 | 25 | 4 | 10 | 22 |
| 32 | 8 | 32 | 8 | 31 | 9 | 1 | 9 | 3 | 8 | 4 | 7 | 6 | 4 | 11 | 6 | 11 | 5 | 11 | 4 | — | 2 | — | 1 | 6 | 23 |
| 19 | 15 | 20 | 15 | 20 | 12 | 21 | 10 | 21 | 14 | 22 | 10 | 20 | 11 | 20 | 10 | 19 | 7 | 19 | 8 | 20 | 12 | 20 | 8 | 8 | 24 |
| 22 | 11 | 21 | 11 | 22 | 10 | 23 | 10 | 21 | 11 | 22 | 7 | 22 | 7 | 22 | 7 | 20 | 7 | 20 | 5 | 20 | 5 | 20 | 6 | 8 | 25 |
| 26 | 7 | 26 | 7 | 25 | 7 | 26 | 6 | 30 | 5 | 30 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | 5 | 26 |
| 2 | 10 | 3 | 8 | 3 | 7 | 32 | 7 | 1 | 8 | 3 | 7 | 8 | 11 | 9 | 10 | 9 | 11 | 9 | 5 | — | 1 | — | 1 | 5 | 27 |
| 3 | 13 | 4 | 14 | 3 | 15 | 2 | 13 | 3 | 15 | 3 | 14 | 4 | 16 | 4 | 12 | 4 | 13 | 4 | 13 | 4 | 13 | 4 | 9 | 10 | 28 |
| 4 | 21 | 4 | 21 | 4 | 21 | 5 | 21 | 5 | 18 | 4 | 18 | 5 | 16 | 5 | 14 | 5 | 13 | 7 | 7 | 2 | 7 | 3 | 10 | 13 | 29 |
| 9 | 10 | 6 | 9 | 6 | 7 | 6 | 7 | 11 | 7 | 11 | 4 | 11 | 4 | — | 2 | — | 1 | — | 2 | — | 3 | — | 2 | 6 | 30 |
| 15 | 7 | 14 | 7 | 14 | 7 | 15 | 9 | 15 | 8 | 16 | 10 | 15 | 7 | — | 2 | — | 3 | 15 | 5 | 15 | 4 | — | 3 | 5 | 31 |
| — | 11 | — | 11 | — | 10 | — | 10 | — | 11 | — | 10 | — | 9 | — | 8 | — | 7 | — | 7 | — | 6 | — | 6 | 8 | |
| — | 10·7 | — | 10·4 | — | 10·6 | — | 10·4 | — | 10·0 | — | 9·1 | — | 8·0 | — | 6·9 | — | 6·3 | — | 5·7 | — | 5·4 | — | 5·1 | 7·6 | Mean, 1881–1905. |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. MAY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | ·1 | ·2 | 1·0 | 1·0 | 1·0 | ·5 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | — | — | 8·3 | Fine and warm, with clear atmosphere. |
| 2 | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | ·6 | ·7 | ·2 | ·7 | ·5 | — | — | 8·5 | ≋ᵍ; fine and warm day, becoming over- |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● 5h.–9h. [cast in evening. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ᵍ, dull; clearing in evening. |
| 5 | — | — | — | — | — | — | — | 1 | — | — | — | — | ·2 | — | — | — | — | 0·3 | Overcast to cloud; ; ● 9h.–14h. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | ·1 | ·1 | ·3 | — | — | 0·5 | |
| 7 | — | ·5 | 1·0 | 1·0 | 1·0 | ·3 | ·2 | ·3 | ·6 | ·1 | ·1 | ·4 | — | — | 2·3 | Dull morning, finer later; ●ᵒ occasion- | | | |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11·6 | Fine all day; ● at night. [ally. |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull throughout. |
| 10 | — | — | — | ·6 | ·8 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·6 | ·8 | ·2 | ·1 | ·6 | ·1 | — | 8·6 | Bright to cloudy. |
| 11 | — | — | — | — | — | — | — | — | — | ·9 | ·8 | ·9 | ·9 | ·1 | ·9 | ·7 | — | 5·2 | Overcast till noon, then finer. |
| 12 | — | — | — | ·4 | 1·0 | ·9 | ·9 | ·1 | — | — | — | — | — | — | — | — | — | 3·3 | [with ● from 19h. |
| 13 | — | — | ·1 | ·7 | ·8 | 1·0 | ·8 | ·9 | ·3 | ·5 | ·6 | ·9 | ·2 | ·3 | — | ·1 | — | 7·2 | ⊕ at 7h. 45m.; fine till 10h., then dull, |
| 14 | — | ·1 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·5 | ·5 | ·9 | 1·0 | ·3 | ·3 | ·3 | ·3 | ·5 | — | 9·5 | Cloudy day, with bright intervals. |
| 15 | — | — | ·3 | ·4 | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·7 | ●ᵒ occasionally, but fine most of day. |
| 16 | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | ·2 | ·1 | — | — | 0·5 | Dull day, with ● in afternoon. |
| 17 | — | — | ·8 | 1·0 | ·9 | ·5 | ·5 | ·3 | — | — | — | — | — | ·1 | — | — | — | 4·1 | ●ᵒ; overcast nearly all day. |
| 18 | — | — | — | — | ·1 | ·5 | ·6 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 9·6 | Fine to dull. |
| 19 | — | ·4 | ·1 | ·9 | ·9 | — | ·1 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | 11·1 | Fine day; clear and warm in afternoon. |
| 20 | — | — | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·9 | ·8 | — | 9·2 | Cloudy early, then fine and bright. |
| 21 | — | — | — | ·2 | — | — | — | — | — | — | ·1 | ·8 | ·9 | 1·0 | 1·0 | ·5 | — | 4·5 | ≋ᵍ A.M., but fine most of day. |
| 22 | — | — | — | — | — | ·9 | 1·0 | 1·0 | ·7 | ·7 | ·4 | ·6 | ·5 | ·6 | 1·0 | ·9 | — | 8·3 | ≋ᵍ, dull to fair. |
| 23 | — | — | ·1 | ·7 | ·7 | ·5 | ·9 | ·5 | ·9 | ·9 | ·8 | ·9 | ·2 | ·9 | ·7 | ·1 | — | 8·8 | [noon. |
| 24 | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·4 | ·7 | ·8 | 1·0 | ·5 | ·3 | — | 11·7 | Fine day, but somewhat cloudy in after- |
| 25 | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·2 | — | ·5 | ·4 | — | — | — | 9·3 | Fine most of day; T in S.W., and ●ᵒ |
| 26 | — | — | — | — | ·6 | ·3 | — | — | — | — | — | — | ·2 | — | — | — | — | 1·1 | Fine throughout. [about 3h. 30m. |
| 27 | — | — | — | — | ·1 | ·2 | — | — | — | — | — | — | — | ·1 | ·3 | — | — | 0·7 | Bright morning, becoming cloudy at times. |
| 28 | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | 13·0 | Dull most of day, improving somewhat |
| 29 | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | ·5 | ·6 | ·8 | ·9 | ·9 | 1·0 | ·6 | — | 12·7 | in evening. |
| 30 | — | — | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·6 | — | — | — | — | — | — | 9·3 | Dull to fair. |
| 31 | — | — | — | — | — | — | ·2 | ·4 | ·6 | ·1 | ·4 | ·1 | ·2 | — | — | — | — | 2·0 | Fine day, but ∞ throughout. |
| | — | — | — | — | ·3 | ·7 | ·4 | ·9 | ·8 | ·9 | ·8 | ·8 | ·6 | ·9 | 1·0 | ·9 | — | 9·0 | Fine, but somewhat cloudy in afternoon. |
| | — | 1·8 | 7·8 | 11·9 | 14·5 | 14·4 | 15·6 | 16·2 | 15·6 | 15·8 | 14·8 | 15·7 | 12·7 | 13·4 | 12·8 | 7·9 | — | 190·9 | Fine till after 15h., then dull with ●. |
| | — | 3·07 | 10·37 | 13·48 | 15·01 | 15·72 | 15·96 | 16·37 | 15·87 | 16·01 | 15·77 | 15·22 | 14·68 | 13·83 | 11·83 | 5·78 | 0·15 | 199·11 | ● till about 5h. 30m., then improving; fine evening, ≋ᵍ. |
| | | | | | | | | | | | | | | | | | | | ≋ᵍ; fine and warm. |
| | | | | | | | | | | | | | | | | | | | Total. |
| | | | | | | | | | | | | | | | | | | | Mean Total, 1881–1905. |

TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. MAY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54·0 | 54·0 | 54·0 | 53·9 | 53·8 | 54·0 | 54·6 | 56·0 | 57·6 | 61·0 | 62·7 | 65·7 | 69·1 | 69·5 | 71·1 | 72·8 | 73·0 | 73·0 | 71·0 | 69·0 | 66·4 | 63·0 | 60·0 | 57·8 | 55·3 | 62·4 |
| 2 | 55·3 | 54·9 | 55·0 | 53·0 | 52·1 | 51·6 | 50·8 | 52·5 | 56·0 | 61·0 | 66·0 | 69·2 | 70·9 | 72·0 | 72·0 | 73·5 | 72·9 | 73·2 | 72·3 | 69·3 | 67·0 | 63·0 | 60·6 | 58·0 | 57·3 | 62·7 |
| 3 | 57·5 | 57·0 | 56·0 | 55·0 | 54·0 | 53·4 | 53·1 | 53·1 | 51·4 | 51·3 | 51·8 | 51·6 | 51·7 | 52·1 | 52·5 | 53·3 | 53·3 | 51·9 | 51·4 | 51·0 | 50·9 | 50·7 | 50·3 | 50·0 | 49·7 | 52·5 |
| 4 | 49·7 | 50·2 | 50·6 | 50·5 | 50·0 | 50·1 | 50·7 | 50·3 | 51·7 | 53·0 | 56·3 | 60·0 | 58·4 | 60·0 | 60·0 | 59·7 | 60·0 | 59·1 | 58·4 | 56·3 | 55·7 | 53·9 | 52·2 | 51·2 | 50·9 | 54·6 |
| 5 | 50·9 | 50·0 | 49·8 | 49·9 | 49·7 | 49·8 | 51·1 | 52·6 | 53·3 | 53·3 | 53·0 | 56·4 | 55·2 | 55·2 | 56·0 | 56·7 | 57·3 | 58·0 | 57·0 | 55·7 | 54·9 | 54·2 | 53·1 | 53·2 | 52·8 | 53·6 |
| 6 | 52·8 | 52·2 | 52·0 | 52·0 | 52·0 | 51·8 | 52·4 | 53·4 | 53·5 | 54·3 | 54·5 | 55·3 | 57·1 | 58·2 | 57·3 | 56·9 | 59·3 | 58·0 | 56·6 | 55·4 | 53·0 | 52·0 | 50·9 | 49·4 | 48·4 | 54·1 |
| 7 | 48·4 | 47·4 | 46·4 | 45·6 | 45·0 | 45·4 | 46·9 | 49·1 | 50·6 | 52·5 | 53·3 | 55·1 | 57·2 | 58·6 | 58·0 | 61·0 | 60·5 | 61·1 | 58·9 | 56·2 | 54·6 | 53·5 | 52·5 | 52·3 | 53·0 | 53·1 |
| 8 | 53·0 | 53·3 | 53·7 | 54·0 | 54·1 | 54·3 | 54·3 | 54·6 | 55·0 | 56·0 | 56·7 | 56·6 | 56·7 | 58·1 | 58·0 | 57·5 | 57·0 | 57·1 | 56·1 | 56·0 | 55·9 | 55·7 | 56·0 | 56·1 | 55·9 | 55·7 |
| 9 | 55·9 | 56·0 | 55·0 | 54·1 | 53·8 | 53·8 | 54·0 | 55·3 | 56·9 | 58·6 | 60·2 | 60·7 | 61·5 | 63·0 | 64·0 | 65·0 | 63·6 | 62·2 | 61·4 | 59·2 | 55·6 | 53·4 | 52·1 | 50·7 | 49·6 | 57·6 |
| 10 | 49·0 | 48·9 | 48·1 | 48·3 | 48·4 | 48·8 | 51·0 | 54·0 | 55·0 | 54·9 | 56·3 | 58·4 | 56·4 | 59·9 | 60·3 | 60·7 | 62·6 | 60·0 | 59·1 | 58·0 | 54·0 | 53·0 | 50·9 | 49·0 | 47·9 | 54·4 |
| 11 | 47·0 | 46·5 | 45·8 | 45·0 | 43·8 | 44·6 | 45·6 | 46·1 | 49·7 | 55·0 | 58·0 | 59·1 | 60·1 | 59·6 | 59·0 | 59·4 | 59·6 | 57·8 | 55·6 | 55·1 | 52·2 | 51·2 | 50·0 | 49·4 | 49·0 | 52·4 |
| 12 | 49·0 | 48·4 | 48·0 | 48·3 | 48·6 | 49·0 | 49·7 | 51·2 | 52·4 | 54·4 | 56·7 | 57·5 | 58·3 | 58·4 | 51·0 | 61·1 | 62·3 | 61·0 | 62·8 | 60·3 | 59·0 | 56·0 | 54·7 | 52·5 | 51·4 | 50·6 | 54·9 |
| 13 | 50·6 | 49·9 | 48·0 | 46·7 | 45·1 | 45·7 | 46·4 | 48·0 | 50·9 | 53·0 | 55·5 | 55·3 | 52·9 | 56·7 | 58·6 | 53·8 | 53·3 | 53·5 | 53·0 | 53·6 | 51·0 | 49·7 | 49·3 | 47·3 | 46·9 | 51·1 |
| 14 | 46·9 | 46·1 | 45·6 | 44·0 | 43·7 | 44·7 | 48·0 | 51·5 | 52·0 | 52·4 | 52·0 | 53·8 | 54·7 | 52·4 | 50·2 | 50·1 | 51·0 | 51·3 | 51·4 | 51·1 | 50·0 | 48·1 | 47·0 | 46·3 | 46·4 | 49·3 |
| 15 | 46·4 | 46·6 | 46·0 | 46·3 | 46·4 | 49·0 | 49·6 | 50·0 | 51·9 | 52·1 | 51·6 | 52·4 | 53·0 | 52·0 | 52·8 | 54·7 | 54·4 | 54·9 | 54·4 | 53·9 | 52·8 | 51·9 | 51·6 | 51·0 | 50·0 | 51·1 |
| 16 | 50·0 | 48·7 | 47·8 | 47·7 | 46·6 | 46·6 | 48·3 | 51·0 | 53·3 | 56·5 | 57·6 | 59·0 | 59·9 | 59·3 | 60·2 | 61·1 | 61·5 | 62·1 | 61·3 | 60·0 | 58·0 | 57·1 | 56·7 | 56·2 | 56·0 | 55·4 |
| 17 | 56·0 | 56·0 | 55·9 | 55·8 | 55·6 | 55·9 | 56·1 | 57·0 | 58·0 | 60·0 | 60·9 | 63·7 | 65·9 | 67·0 | 68·0 | 70·3 | 71·8 | 72·2 | 71·9 | 68·4 | 65·4 | 63·0 | 60·0 | 58·3 | 57·3 | 62·4 |
| 18 | 57·3 | 56·9 | 54·9 | 54·3 | 52·8 | 52·9 | 53·0 | 54·4 | 54·7 | 56·5 | 57·1 | 60·2 | 61·7 | 63·1 | 64·7 | 66·0 | 68·3 | 70·0 | 69·0 | 67·6 | 64·0 | 61·0 | 59·0 | 57·3 | 55·7 | 59·8 |
| 19 | 55·7 | 54·8 | 53·4 | 52·4 | 52·5 | 52·6 | 53·4 | 54·0 | 54·8 | 57·1 | 60·0 | 63·2 | 65·6 | 68·6 | 71·0 | 73·1 | 71·6 | 70·7 | 71·1 | 70·0 | 65·0 | 63·0 | 61·0 | 59·9 | 57·9 | 61·5 |
| 20 | 57·6 | 57·1 | 56·1 | 55·8 | 54·4 | 54·1 | 54·2 | 55·6 | 56·3 | 57·9 | 59·1 | 60·0 | 61·1 | 62·9 | 63·3 | 63·4 | 63·0 | 63·2 | 60·6 | 57·0 | 54·7 | 53·7 | 52·9 | 52·0 | 52·0 | 57·6 |
| 21 | 52·6 | 52·0 | 51·8 | 52·3 | 51·0 | 50·6 | 51·3 | 52·9 | 54·8 | 57·4 | 60·0 | 63·5 | 63·6 | 64·0 | 62·9 | 62·4 | 61·4 | 61·5 | 60·4 | 58·9 | 54·9 | 51·5 | 48·7 | 47·0 | 45·9 | 56·0 |
| 22 | 45·9 | 45·0 | 44·5 | 45·0 | 45·1 | 46·6 | 49·0 | 51·6 | 52·3 | 54·5 | 55·0 | 56·1 | 56·0 | 56·9 | 55·3 | 56·0 | 49·6 | 52·7 | 53·4 | 50·2 | 50·1 | 49·4 | 48·0 | 47·3 | 46·4 | 50·7 |
| 23 | 46·4 | 44·8 | 43·9 | 42·6 | 41·7 | 42·0 | 44·3 | 47·6 | 49·7 | 52·1 | 53·1 | 55·9 | 57·3 | 58·8 | 58·4 | 60·0 | 60·6 | 60·0 | 59·6 | 57·0 | 53·7 | 51·0 | 50·0 | 47·2 | 47·0 | 51·6 |
| 24 | 47·6 | 45·0 | 44·0 | 43·0 | 42·0 | 43·7 | 45·0 | 49·2 | 52·3 | 55·4 | 56·7 | 59·2 | 60·2 | 62·0 | 62·2 | 62·1 | 61·1 | 58·3 | 60·1 | 57·7 | 56·1 | 55·0 | 53·1 | 52·0 | 51·3 | 51·6 | 53·1 |
| 25 | 51·6 | 52·1 | 52·9 | 53·2 | 52·1 | 53·0 | 50·7 | 51·7 | 53·4 | 56·6 | 57·1 | 57·7 | 56·8 | 58·2 | 57·6 | 56·3 | 56·6 | 57·0 | 56·6 | 56·7 | 55·7 | 54·7 | 53·1 | 53·2 | 53·3 | 54·8 |
| 26 | 53·2 | 53·1 | 52·9 | 52·0 | 51·8 | 52·3 | 53·4 | 54·3 | 55·8 | 58·3 | 58·5 | 60·1 | 60·3 | 60·1 | 59·4 | 60·1 | 61·4 | 60·8 | 61·0 | 60·9 | 59·0 | 57·8 | 57·1 | 54·0 | 52·0 | 57·0 |
| 27 | 52·6 | 51·3 | 50·0 | 51·1 | 49·2 | 50·9 | 52·5 | 57·0 | 60·0 | 62·2 | 63·7 | 66·0 | 67·8 | 69·0 | 70·0 | 71·1 | 71·3 | 71·8 | 71·2 | 67·1 | 62·4 | 60·1 | 58·3 | 55·7 | 54·0 | 60·9 |
| 28 | 54·5 | 51·7 | 50·3 | 51·0 | 49·8 | 53·3 | 55·1 | 58·0 | 61·0 | 63·2 | 64·4 | 67·1 | 66·4 | 67·3 | 68·1 | 68·3 | 68·6 | 66·9 | 65·3 | 63·0 | 59·5 | 56·1 | 54·1 | 53·6 | 51·9 | 59·8 |
| 29 | 51·5 | 51·1 | 51·0 | 51·6 | 51·7 | 51·6 | 53·0 | 56·0 | 59·1 | 62·3 | 63·4 | 65·9 | 67·6 | 69·1 | 69·0 | 69·1 | 67·3 | 66·3 | 65·6 | 63·9 | 62·3 | 60·9 | 57·9 | 57·4 | 55·4 | 60·3 |
| 30 | 55·4 | 55·0 | 54·0 | 55·0 | 53·9 | 53·9 | 53·9 | 54·8 | 55·8 | 57·6 | 59·0 | 63·1 | 63·7 | 65·7 | 66·0 | 67·1 | 66·1 | 66·3 | 65·7 | 64·2 | 61·3 | 59·8 | 60·0 | 59·9 | 58·9 | 60·0 |
| 31 | 58·6 | 57·5 | 55·4 | 55·0 | 55·6 | 57·0 | 57·1 | 58·1 | 60·1 | 62·1 | 64·9 | 69·1 | 71·2 | 74·2 | 73·7 | 74·1 | 73·2 | 75·0 | 73·7 | 73·0 | 68·9 | 65·6 | 63·0 | 63·0 | 61·9 | 65·0 |
| Mean ... | 52·0 | 51·4 | 50·7 | 50·5 | 49·9 | 50·4 | 51·2 | 52·9 | 54·5 | 56·6 | 58·0 | 59·9 | 60·6 | 61·8 | 62·1 | 62·5 | 62·2 | 62·3 | 61·3 | 59·8 | 57·4 | 55·7 | 54·2 | 53·1 | 52·3 | 56·3 |
| Mean, 1871–1905. | 47·9 | 47·2 | 46·5 | 46·0 | 45·5 | 45·9 | 47·0 | 49·2 | 51·1 | 53·2 | 54·6 | 56·2 | 57·1 | 58·2 | 58·6 | 59·0 | 58·9 | 59·1 | 60·2 | 62·0 | 66·1 | 71·4 | 75·2 | 78·8 | 80·7 | 83·1 | 73·0 |

TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). MAY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 89 | 89 | 90 | 91 | 91 | 90 | 90 | 89 | 84 | 79 | 76 | 69 | 61 | 59 | 57 | 53 | 51 | 51 | 57 | 62 | 72 | 82 | 88 | 94 | 98 | 75·8 |
| 2 | 08 | 94 | 97 | 99 | 99 | 97 | 93 | 97 | 93 | 82 | 75 | 68 | 58 | 57 | 53 | 48 | 51 | 47 | 64 | 66 | 73 | 86 | 87 | 84 | 85 | 87 | 77·9 |
| 3 | 87 | 88 | 89 | 93 | 94 | 94 | 93 | 92 | 96 | 97 | 93 | 93 | 91 | 91 | 89 | 89 | 90 | 92 | 93 | 90 | 88 | 87 | 89 | 90 | 90 | 91·1 |
| 4 | 90 | 90 | 88 | 88 | 92 | 92 | 89 | 92 | 88 | 87 | 86 | 82 | 87 | 82 | 81 | 84 | 84 | 84 | 85 | 87 | 88 | 91 | 92 | 91 | 90 | 87·5 |
| 5 | 90 | 91 | 90 | 91 | 92 | 90 | 91 | 92 | 90 | 92 | 82 | 88 | 86 | 85 | 85 | 82 | 81 | 81 | 83 | 85 | 85 | 86 | 87 | 88 | 86 | 86·5 |
| 6 | 88 | 92 | 92 | 92 | 93 | 91 | 90 | 86 | 86 | 81 | 85 | 86 | 78 | 74 | 78 | 78 | 62 | 66 | 67 | 67 | 69 | 69 | 72 | 77 | 79 | 79·8 |
| 7 | 79 | 83 | 86 | 87 | 88 | 88 | 84 | 79 | 68 | 63 | 56 | 56 | 55 | 55 | 51 | 54 | 52 | 51 | 62 | 67 | 67 | 77 | 87 | 92 | 93 | 70·6 |
| 8 | 93 | 93 | 93 | 93 | 91 | 90 | 91 | 90 | 91 | 90 | 91 | 88 | 88 | 87 | 86 | 84 | 84 | 83 | 87 | 88 | 88 | 87 | 87 | 88 | 88 | 88·3 |
| 9 | 88 | 87 | 86 | 86 | 87 | 88 | 89 | 86 | 80 | 67 | 61 | 62 | 64 | 60 | 55 | 63 | 61 | 66 | 66 | 71 | 77 | 80 | 82 | 84 | 85 | 74·8 |
| 10 | 85 | 85 | 86 | 85 | 84 | 84 | 83 | 76 | 76 | 80 | 80 | 71 | 66 | 58 | 53 | 51 | 48 | 55 | 61 | 59 | 58 | 82 | 87 | 90 | 93 | 74·0 |
| 11 | 93 | 96 | 95 | 94 | 98 | 95 | 93 | 92 | 84 | 67 | 60 | 57 | 54 | 59 | 59 | 61 | 64 | 72 | 72 | 75 | 85 | 92 | 92 | 92 | 95 | 79·2 |
| 12 | 95 | 94 | 95 | 95 | 95 | 94 | 95 | 88 | 90 | 73 | 65 | 65 | 61 | 59 | 55 | 58 | 58 | 61 | 65 | 69 | 73 | 71 | 78 | 85 | 85 | 76·3 |
| 13 | 85 | 85 | 88 | 88 | 90 | 89 | 89 | 82 | 74 | 67 | 65 | 59 | 80 | 67 | 55 | 67 | 78 | 77 | 80 | 80 | 85 | 87 | 87 | 91 | 92 | 79·1 |
| 14 | 92 | 92 | 93 | 93 | 93 | 93 | 93 | 90 | 83 | 80 | 86 | 83 | 72 | 76 | 77 | 89 | 92 | 93 | 94 | 94 | 92 | 93 | 94 | 95 | 95 | 93 | 88·9 |
| 15 | 93 | 92 | 93 | 91 | 92 | 89 | 86 | 87 | 80 | 78 | 82 | 76 | 80 | 80 | 80 | 79 | 77 | 78 | 72 | 74 | 76 | 79 | 78 | 80 | 83 | 81·9 |
| 16 | 83 | 86 | 90 | 91 | 95 | 93 | 90 | 91 | 85 | 79 | 74 | 73 | 71 | 69 | 66 | 63 | 70 | 67 | 67 | 72 | 86 | 84 | 87 | 88 | 90 | 89 | 79·5 |
| 17 | 89 | 88 | 89 | 89 | 89 | 90 | 90 | 87 | 83 | 82 | 78 | 78 | 71 | 64 | 64 | 64 | 61 | 53 | 54 | 60 | 66 | 76 | 84 | 87 | 90 | 90 | 77·5 |
| 18 | 90 | 90 | 89 | 87 | 87 | 87 | 85 | 80 | 78 | 78 | 80 | 78 | 72 | 72 | 69 | 64 | 63 | 62 | 60 | 66 | 76 | 84 | 86 | 89 | 92 | 92 | 77·9 |
| 19 | 92 | 93 | 96 | 96 | 97 | 96 | 93 | 93 | 71 | 68 | 63 | 63 | 78 | 70 | 62 | 59 | 59 | 55 | 53 | 53 | 59 | 72 | 75 | 80 | 82 | 84 | 78·5 |
| 20 | 84 | 83 | 82 | 81 | 84 | 81 | 80 | 77 | 74 | 72 | 69 | 66 | 66 | 65 | 66 | 62 | 59 | 58 | 54 | 62 | 68 | 63 | 67 | 71 | 71 | 70·3 |
| 21 | 71 | 74 | 76 | 78 | 83 | 83 | 84 | 81 | 81 | 77 | 71 | 68 | 65 | 63 | 66 | 62 | 53 | 49 | 45 | 53 | 60 | 62 | 65 | 68 | 73 | 68·3 |
| 22 | 73 | 74 | 77 | 77 | 79 | 77 | 75 | 73 | 68 | 63 | 69 | 64 | 62 | 55 | 60 | 60 | 76 | 67 | 66 | 76 | 75 | 76 | 78 | 79 | 83 | 71·0 |
| 23 | 83 | 84 | 82 | 83 | 86 | 85 | 82 | 80 | 76 | 70 | 66 | 59 | 58 | 53 | 53 | 50 | 48 | 50 | 48 | 66 | 73 | 80 | 80 | 87 | 90 | 70·2 |
| 24 | 90 | 92 | 93 | 92 | 93 | 87 | 89 | 84 | 79 | 73 | 71 | 68 | 63 | 58 | 60 | 51 | 61 | 64 | 68 | 71 | 75 | 80 | 85 | 85 | 84 | 76·2 |
| 25 | 84 | 85 | 83 | 84 | 92 | 90 | 86 | 84 | 74 | 67 | 62 | 59 | 65 | 66 | 72 | 76 | 71 | 73 | 75 | 74 | 78 | 84 | 87 | 89 | 91 | 77·0 |
| 26 | 91 | 92 | 94 | 92 | 88 | 86 | 84 | 85 | 79 | 75 | 74 | 71 | 71 | 71 | 68 | 66 | 68 | 69 | 68 | 77 | 79 | 83 | 90 | 94 | 78·9 |
| 27 | 94 | 95 | 95 | 93 | 95 | 90 | 89 | 85 | 80 | 72 | 67 | 64 | 63 | 61 | 55 | 57 | 57 | 54 | 55 | 54 | 63 | 67 | 71 | 74 | 82 | 84 | 72·6 |
| 28 | 84 | 91 | 93 | 91 | 90 | 84 | 80 | 73 | 64 | 64 | 61 | 59 | 58 | 57 | 57 | 59 | 58 | 60 | 61 | 65 | 74 | 76 | 76 | 81 | 71·3 |
| 29 | 81 | 84 | 85 | 85 | 84 | 86 | 85 | 76 | 71 | 62 | 61 | 58 | 54 | 48 | 51 | 51 | 55 | 56 | 55 | 57 | 62 | 67 | 81 | 78 | 85 | 68·1 |
| 30 | 85 | 87 | 89 | 85 | 90 | 91 | 91 | 89 | 88 | 86 | 85 | 81 | 78 | 76 | 76 | 75 | 77 | 81 | 81 | 83 | 91 | 95 | 92 | 93 | 90 | 85·3 |
| 31 | 90 | 91 | 95 | 94 | 95 | 93 | 94 | 93 | 89 | 83 | 76 | 74 | 66 | 59 | 57 | 58 | 57 | 55 | 56 | 58 | 66 | 77 | 82 | 82 | 88 | 76·6 |
| Mean ... | 87·4 | 88·4 | 89·3 | 89·2 | 90·5 | 89·0 | 88·2 | 84·7 | 80·7 | 76·3 | 73·9 | 70·3 | 68·9 | 65·9 | 65·5 | 65·3 | 65·1 | 65·7 | 66·8 | 70·5 | 76·8 | 80·1 | 83·0 | 85·5 | 87·4 | 77·8 |
| Mean,* 1886-1905. | 83·1 | 84·5 | 86·2 | 86·8 | 87·5 | 86·6 | 85·1 | 80·9 | 75·9 | 70·7 | 67·2 | 64·3 | 62·2 | 60·3 | 59·3 | 58·9 | 59·1 | 60·2 | 62·0 | 66·1 | 71·4 | 75·2 | 78·8 | 80·7 | 83·1 | 73·0 |

* Mean for 19 years only—1891 omitted.

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. JUNE, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. JUNE, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·850 | 9·730 | 65·5 | 54·8 | 9 | 0·303 | 0·208 | 65·6 | 55·7 | 17 | 9·905 | 9·813 | 56·7 | 47·7 | 25 | 0·420 | 0·322 | 68·3 | 49·0 |
| 2 | 9·918 | 9·841 | 65·2 | 54·3 | 10 | 0·289 | 0·076 | 61·3 | 53·4 | 18 | 9·904 | 9·841 | 56·4 | 48·6 | 26 | 0·344 | 0·281 | **75·0** | 55·6 |
| 3 | 0·121 | 9·991 | 63·6 | 53·6 | 11 | 0·079 | 9·929 | 57·1 | 49·3 | 19 | 9·923 | 9·730 | 56·9 | 50·4 | 27 | 0·329 | 0·250 | 74·3 | 52·2 |
| 4 | 0·289 | 0·121 | 59·4 | 51·8 | 12 | 0·046 | 9·871 | 60·3 | **42·9** | 20 | 0·155 | 9·923 | 58·5 | 47·5 | 28 | 0·258 | 0·138 | 71·6 | 55·3 |
| 5 | 0·287 | 0·128 | 57·8 | 50·4 | 13 | 9·871 | **9·557** | 56·7 | 52·4 | 21 | 0·154 | 0·077 | 64·7 | 44·5 | 29 | 0·149 | 0·078 | 69·3 | 59·6 |
| 6 | 0·267 | 0·140 | 56·7 | 48·4 | 14 | 9·978 | 9·609 | 59·8 | 48·2 | 22 | 0·148 | 9·987 | 60·1 | 52·7 | 30 | 0·228 | 0·092 | 68·7 | 58·1 |
| 7 | 0·261 | 0·165 | 59·8 | 48·7 | 15 | 9·898 | 9·571 | 58·5 | 47·8 | 23 | 0·388 | 0·127 | 59·8 | 50·4 | | | | | |
| 8 | 0·217 | 0·161 | 60·9 | 52·5 | 16 | 9·813 | 9·612 | 56·7 | 46·3 | 24 | **0·425** | 0·382 | 60·1 | 50·1 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 62·2 | 51·1 |

TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. JUNE, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·765 | 9·764 | 9·749 | 9·741 | 9·742 | 9·733 | 9·740 | 9·754 | 9·754 | 9·752 | 9·748 | 9·752 | 9·753 | 9·756 | 9·757 | 9·766 | 9·774 | 9·775 | 9·787 | 9·789 | 9·799 | 9·825 | 9·847 | 9·848 | 9·847 | 9·771 |
| 2 | 9·847 | 9·845 | 9·847 | 9·854 | 9·852 | 9·859 | 9·865 | 9·877 | 9·879 | 9·884 | 9·887 | 9·885 | 9·883 | 9·877 | 9·885 | 9·880 | 9·891 | 9·893 | 9·895 | 9·905 | 9·917 | 9·918 | 9·914 | 9·904 | 9·904 | 9·880 |
| 3 | 9·904 | 9·909 | 9·906 | 9·913 | 9·914 | 9·915 | 9·924 | 9·933 | 9·944 | 9·950 | 9·963 | 9·977 | 9·987 | 9·998 | 0·008 | 0·011 | 0·017 | 0·029 | 0·042 | 0·054 | 0·080 | 0·095 | 0·110 | 0·116 | 0·121 | 9·992 |
| 4 | 0·121 | 0·130 | 0·138 | 0·150 | 0·154 | 0·171 | 0·184 | 0·198 | 0·206 | 0·218 | 0·226 | 0·238 | 0·247 | 0·257 | 0·260 | 0·268 | 0·267 | 0·266 | 0·271 | 0·272 | 0·273 | 0·278 | 0·286 | 0·287 | 0·287 | 0·227 |
| 5 | 0·287 | 0·287 | 0·273 | 0·271 | 0·265 | 0·263 | 0·248 | 0·249 | 0·245 | 0·240 | 0·226 | 0·214 | 0·196 | 0·177 | 0·150 | 0·142 | 0·131 | 0·131 | 0·132 | 0·137 | 0·136 | 0·143 | 0·142 | 0·142 | 0·140 | 0·198 |
| 6 | 0·140 | 0·149 | 0·176 | 0·169 | 0·178 | 0·197 | 0·208 | 0·212 | 0·208 | 0·227 | 0·222 | 0·229 | 0·225 | 0·236 | 0·238 | 0·243 | 0·240 | 0·244 | 0·239 | 0·245 | 0·253 | 0·259 | 0·263 | 0·267 | 0·261 | 0·222 |
| 7 | 0·261 | 0·260 | 0·249 | 0·247 | 0·241 | 0·246 | 0·250 | 0·246 | 0·248 | 0·249 | 0·249 | 0·245 | 0·241 | 0·229 | 0·225 | 0·210 | 0·199 | 0·189 | 0·183 | 0·178 | 0·169 | 0·173 | 0·174 | 0·160 | 0·165 | 0·220 |
| 8 | 0·165 | 0·165 | 0·165 | 0·169 | 0·167 | 0·168 | 0·171 | 0·175 | 0·183 | 0·189 | 0·186 | 0·184 | 0·180 | 0·178 | 0·181 | 0·182 | 0·184 | 0·184 | 0·184 | 0·189 | 0·193 | 0·205 | 0·212 | 0·215 | 0·217 | 0·183 |
| 9 | 0·217 | 0·217 | 0·214 | 0·215 | 0·208 | 0·218 | 0·237 | 0·247 | 0·249 | 0·259 | 0·260 | 0·266 | 0·271 | 0·284 | 0·289 | 0·290 | 0·286 | 0·286 | 0·286 | 0·295 | 0·296 | 0·296 | 0·296 | 0·285 | 0·262 |
| 10 | 0·285 | 0·276 | 0·258 | 0·251 | 0·246 | 0·240 | 0·239 | 0·235 | 0·230 | 0·229 | 0·214 | 0·215 | 0·210 | 0·208 | 0·191 | 0·188 | 0·177 | 0·168 | 0·151 | 0·144 | 0·128 | 0·124 | 0·115 | 0·097 | 0·076 | 0·196 |
| 11 | 0·076 | 0·062 | 0·038 | 0·026 | 0·004 | 9·984 | 9·972 | 9·949 | 9·936 | 9·932 | 9·967 | 9·986 | 0·979 | 9·991 | 9·989 | 9·993 | 9·995 | 9·992 | 9·999 | 0·019 | 0·020 | 0·033 | 0·044 | 0·044 | 0·046 | 0·001 |
| 12 | 0·046 | 0·044 | 0·036 | 0·035 | 0·036 | 0·039 | 0·040 | 0·042 | 0·034 | 0·037 | 0·038 | 0·035 | 0·021 | 0·020 | 0·007 | 9·996 | 9·992 | 9·982 | 9·964 | 9·962 | 9·941 | 9·936 | 9·920 | 9·902 | 9·871 | 0·001 |
| 13 | 9·871 | 9·843 | 9·816 | 9·783 | 9·761 | 9·736 | 9·712 | 9·694 | 9·667 | 9·659 | 9·618 | 9·609 | 9·603 | 9·598 | 9·585 | 9·576 | 9·565 | 9·560 | 9·568 | 9·564 | 9·567 | 9·580 | 9·594 | 9·588 | 9·609 | 9·649 |
| 14 | 9·609 | 9·650 | 9·680 | 9·703 | 9·736 | 9·772 | 9·808 | 9·840 | 9·872 | 9·893 | 9·920 | 9·937 | 9·943 | 9·952 | 9·956 | 9·973 | 9·975 | 9·978 | 9·972 | 9·965 | 9·953 | 9·960 | 9·950 | 9·925 | 9·898 | 9·878 |
| 15 | 9·898 | 9·861 | 9·828 | 9·792 | 9·752 | 9·714 | 9·681 | 9·652 | 9·621 | 9·595 | 9·577 | 9·597 | 9·607 | 9·623 | 9·629 | 9·629 | 9·629 | 9·628 | 9·625 | 9·626 | 9·623 | 9·628 | 9·630 | 9·628 | 9·627 | 9·664 |
| 16 | 9·627 | 9·624 | 9·618 | 9·615 | 9·617 | 9·620 | 9·625 | 9·633 | 9·644 | 9·658 | 9·671 | 9·685 | 9·692 | 9·702 | 9·710 | 9·727 | 9·733 | 9·743 | 9·745 | 9·757 | 9·770 | 9·784 | 9·803 | 9·805 | 9·813 | 9·696 |
| 17 | 9·813 | 9·816 | 9·821 | 9·826 | 9·831 | 9·836 | 9·838 | 9·850 | 9·856 | 9·871 | 9·882 | 9·883 | 9·890 | 9·886 | 9·886 | 9·887 | 9·880 | 9·883 | 9·883 | 9·887 | 9·892 | 9·894 | 9·905 | 9·901 | 9·904 | 9·868 |
| 18 | 9·904 | 9·902 | 9·891 | 9·886 | 9·878 | 9·878 | 9·880 | 9·888 | 9·889 | 9·890 | 9·896 | 9·891 | 9·889 | 9·892 | 9·885 | 9·890 | 9·883 | 9·884 | 9·878 | 9·879 | 9·876 | 9·877 | 9·874 | 9·860 | 9·841 | 9·884 |
| 19 | 9·841 | 9·823 | 9·796 | 9·782 | 9·753 | 9·738 | 9·732 | 9·740 | 9·745 | 9·757 | 9·763 | 9·769 | 9·780 | 9·788 | 9·795 | 9·807 | 9·821 | 9·833 | 9·846 | 9·857 | 9·866 | 9·886 | 9·912 | 9·921 | 9·923 | 9·808 |
| 20 | 9·923 | 9·926 | 9·928 | 9·937 | 9·941 | 9·962 | 9·975 | 9·991 | 0·013 | 0·027 | 0·031 | 0·040 | 0·054 | 0·063 | 0·071 | 0·084 | 0·091 | 0·092 | 0·089 | 0·108 | 0·125 | 0·131 | 0·145 | 0·151 | 0·147 | 0·042 |
| 21 | 0·147 | 0·151 | 0·141 | 0·145 | 0·143 | 0·144 | 0·138 | 0·146 | 0·149 | 0·147 | 0·151 | 0·150 | 0·150 | 0·142 | 0·131 | 0·124 | 0·119 | 0·111 | 0·101 | 0·101 | 0·095 | 0·083 | 0·093 | 0·085 | 0·077 | 0·127 |
| 22 | 0·077 | 0·061 | 0·035 | 0·019 | 0·010 | 0·000 | 9·994 | 9·987 | 9·989 | 9·993 | 9·992 | 0·007 | 0·023 | 0·024 | 0·036 | 0·037 | 0·048 | 0·044 | 0·065 | 0·076 | 0·096 | 0·114 | 0·128 | 0·145 | 0·134 | 0·043 |
| 23 | 0·134 | 0·148 | 0·143 | 0·147 | 0·148 | 0·159 | 0·187 | 0·196 | 0·209 | 0·220 | 0·235 | 0·244 | 0·254 | 0·262 | 0·273 | 0·288 | 0·297 | 0·305 | 0·321 | 0·344 | 0·357 | 0·372 | 0·377 | 0·383 | 0·385 | 0·255 |
| 24 | 0·385 | 0·385 | 0·385 | 0·384 | 0·389 | 0·399 | 0·402 | 0·414 | 0·419 | 0·423 | 0·423 | 0·422 | 0·419 | 0·420 | 0·413 | 0·413 | 0·406 | 0·403 | 0·398 | 0·407 | 0·407 | 0·416 | 0·419 | 0·421 | 0·417 | 0·408 |
| 25 | 0·417 | 0·418 | 0·412 | 0·403 | 0·395 | 0·392 | 0·391 | 0·392 | 0·390 | 0·388 | 0·378 | 0·373 | 0·365 | 0·358 | 0·345 | 0·343 | 0·335 | 0·326 | 0·324 | 0·328 | 0·324 | 0·330 | 0·334 | 0·339 | 0·340 | 0·365 |
| 26 | 0·340 | 0·344 | 0·331 | 0·324 | 0·318 | 0·324 | 0·320 | 0·331 | 0·328 | 0·326 | 0·317 | 0·316 | 

**VALENCIA.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 10 | 7 | 9 | 7 | 11 | 8 | 13 | 5 | 14 | 5 | 13 | 4 | 15 | 7 | 16 | 7 | 13 | 9 | 14 | 10 | 15 | 7 | 16 | 6 |
| 2 | 12 | 8 | 12 | 5 | — | 3 | 13 | 5 | 11 | 4 | 11 | 4 | 8 | 5 | — | 2 | — | 2 | 17 | 4 | 21 | 6 | 28 | 7 |
| 3 | — | 3 | — | 3 | — | 1 | — | 0 | — | 1 | — | 1 | — | 0 | — | 2 | — | 2 | 26 | 4 | 25 | 7 | 25 | 8 |
| 4 | 1 | 4 | — | 2 | — | 2 | — | 2 | 1 | 6 | 1 | 10 | 32 | 14 | 32 | 15 | 32 | 15 | 31 | 15 | 32 | 13 | 30 | 19 |
| 5 | 32 | 12 | 32 | 8 | 32 | 5 | 32 | 6 | 32 | 4 | 32 | 6 | 30 | 7 | 28 | 7 | 26 | 9 | 26 | 7 | — | 2 | 20 | 4 |
| 6 | 1 | 23 | 1 | 17 | 1 | 19 | 1 | 17 | 2 | 13 | 2 | 13 | 1 | 13 | 2 | 18 | 1 | 15 | 32 | 16 | 2 | 15 | 2 | 18 |
| 7 | 1 | 7 | 1 | 7 | 1 | 7 | 1 | 6 | 31 | 6 | 31 | 6 | 32 | 4 | 26 | 5 | 26 | 6 | 25 | 6 | 24 | 9 | 24 | 9 |
| 8 | 27 | 7 | 28 | 7 | 29 | 6 | — | 3 | — | 1 | — | 0 | — | 2 | 25 | 6 | 23 | 12 | 23 | 10 | 23 | 10 | 21 | 10 |
| 9 | 22 | 10 | 22 | 10 | 22 | 8 | 22 | 12 | 22 | 12 | 22 | 5 | 22 | 5 | 20 | 7 | 20 | 10 | 21 | 7 | 21 | 10 | 22 | 12 |
| 10 | 16 | 9 | 16 | 8 | 16 | 8 | 16 | 7 | 16 | 8 | 16 | 10 | 16 | 10 | 16 | 10 | 17 | 12 | 16 | 12 | 16 | 15 | 16 | 15 |
| 11 | 16 | 13 | 16 | 15 | 16 | 15 | 16 | 13 | 16 | 14 | 16 | 15 | 16 | 18 | 16 | 18 | 17 | 18 | 26 | 11 | 26 | 7 | — | 2 |
| 12 | — | 1 | — | 1 | — | 0 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | 23 | 10 | 22 | 10 | 22 | 12 | 22 | 12 |
| 13 | 17 | 13 | 17 | 12 | 17 | 12 | 16 | 12 | 17 | 12 | 17 | 12 | 20 | 15 | 20 | 15 | 20 | 18 | 20 | 20 | 20 | 21 | 21 | 21 |
| 14 | 29 | 17 | 28 | 19 | 29 | 16 | 29 | 16 | 31 | 15 | 31 | 14 | 30 | 12 | 28 | 12 | 29 | 13 | 29 | 12 | 28 | 12 | 27 | 11 |
| 15 | 17 | 7 | 16 | 8 | 16 | 12 | 16 | 15 | 16 | 15 | 16 | 13 | 16 | 17 | 16 | 17 | 16 | 19 | 16 | 20 | 22 | 21 | 22 | 20 |
| 16 | 22 | 12 | 22 | 8 | 22 | 7 | 22 | 6 | 22 | 4 | — | 2 | 23 | 7 | 23 | 8 | 27 | 10 | 29 | 7 | 28 | 8 | 27 | 12 |
| 17 | 3 | 8 | 2 | 6 | 4 | 8 | 3 | 11 | 2 | 10 | 3 | 12 | 3 | 15 | 4 | 15 | 4 | 15 | 2 | 13 | 3 | 13 | 2 | 15 |
| 18 | 1 | 10 | 1 | 7 | 1 | 7 | 1 | 7 | 1 | 8 | 1 | 8 | 1 | 7 | 1 | 9 | 1 | 8 | 29 | 6 | 30 | 8 | 30 | 10 |
| 19 | 17 | 8 | 18 | 11 | 19 | 12 | 17 | 12 | 19 | 14 | 20 | 13 | 21 | 12 | 25 | 10 | 28 | 9 | 29 | 10 | 28 | 12 | 27 | 15 |
| 20 | 30 | 6 | 30 | 8 | 30 | 10 | 32 | 10 | 32 | 7 | 32 | 10 | 32 | 10 | 32 | 7 | 32 | 9 | 29 | 8 | 29 | 7 | 29 | 8 |
| 21 | — | 2 | — | 3 | — | 2 | 4 | 4 | — | 2 | 4 | 5 | — | 2 | 12 | 5 | 15 | 7 | 16 | 7 | 16 | 9 | 16 | 9 |
| 22 | 15 | 12 | 15 | 14 | 16 | 15 | 15 | 12 | 15 | 14 | 16 | 13 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 10 | 16 | 8 | 20 | 8 |
| 23 | 4 | 8 | — | 3 | 4 | 6 | 1 | 10 | 1 | 8 | 1 | 7 | 2 | 10 | 1 | 11 | 2 | 14 | 2 | 14 | 2 | 12 | 2 | 11 |
| 24 | — | 3 | — | 3 | 6 | 4 | — | 2 | 4 | 5 | 6 | 7 | 4 | 4 | 3 | 10 | 2 | 10 | 2 | 12 | 1 | 12 | 32 | 13 |
| 25 | — | 2 | — | 1 | — | 1 | — | 2 | — | 0 | — | 2 | — | 2 | 2 | 4 | 4 | 5 | 28 | 7 | 27 | 11 | 27 | 12 |
| 26 | 30 | 4 | 4 | 5 | — | 1 | — | 1 | — | 1 | — | 1 | — | 0 | — | 1 | 32 | 4 | — | 3 | 3 | 7 | 4 | 11 |
| 27 | 10 | 5 | 8 | 5 | — | 3 | — | 2 | — | 3 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | 23 | 4 |
| 28 | — | 1 | — | 0 | — | 0 | — | 0 | — | 0 | — | 2 | — | 2 | 7 | 4 | 10 | 5 | 11 | 9 | 12 | 10 | 12 | 10 |
| 29 | 10 | 10 | 9 | 8 | 9 | 5 | 9 | 4 | — | 2 | 12 | 5 | — | 3 | — | 3 | 10 | 4 | 14 | 4 | — | 3 | 22 | 4 |
| 30 | — | 2 | 17 | 4 | 17 | 4 | 17 | 5 | — | 2 | — | 2 | — | 3 | — | 3 | 15 | 4 | 15 | 4 | — | 3 | 21 | 4 |
| Mean ... | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 10 | — | 9 | — | 10 | — | 11 |
| Mean, 1881–1905. | — | 8·1 | — | 8·1 | — | 8·0 | — | 8·0 | — | 8·1 | — | 8·4 | — | 8·7 | — | 9·6 | — | 10·6 | — | 11·3 | — | 11·7 | — | 12·6 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**VALENCIA.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JUNE, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 01 | 03 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 01 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | — | — | — | — | — | 04 |
| 11 | — | — | — | — | — | — | 07 | 10 | 06 | 05 | 05 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | 36 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | 01 | — | 01 | — | — | 01 | — | 02 | 08 | 01 | 02 | — | — | 02 | — | — | — | 01 | — | 01 | 01 | 21 |
| 14 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 15 | — | — | — | — | 02 | 03 | 04 | 06 | 03 | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 22 |
| 16 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 10 | 13 |
| 17 | 08 | — | 01 | 01 | 08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 19 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | 02 | 02 | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | 01 | 01 | 02 | — | 01 | 05 | 04 | 06 | 04 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | 27 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 08 | 02 | 04 | 07 | 13 | 04 | 12 | 22 | 14 | 16 | 11 | 13 | 02 | 04 | — | — | 02 | — | — | 03 | 03 | 01 | 03 | 12 | 1·56 |
| Average 1871–1905. | ·171 | ·169 | ·159 | ·180 | ·185 | ·171 | ·196 | ·182 | ·185 | ·137 | ·115 | ·118 | ·119 | ·111 | ·132 | ·131 | ·149 | ·161 | ·143 | ·143 | ·136 | ·138 | ·173 | ·180 | 3·684 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JUNE, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 16 | 7 | 16 | 5 | 16 | 6 | 16 | 7 | 16 | 7 | 16 | 7 | 16 | 8 | 16 | 7 | 16 | 8 | 14 | 8 | 14 | 6 | 12 | 6 | 7 | 1 |
| 2 | 28 | 5 | 25 | 8 | 25 | 9 | 25 | 8 | 25 | 10 | 25 | 6 | 25 | 5 | — | 2 | — | 0 | — | 0 | — | 1 | — | 2 | 5 | 2 |
| 3 | 24 | 7 | 24 | 5 | 24 | 4 | 24 | 4 | 24 | 6 | 24 | 4 | — | 3 | — | 2 | — | 2 | 32 | 4 | — | 2 | — | 2 | 3 | 3 |
| 4 | 30 | 21 | 30 | 19 | 30 | 19 | 31 | 20 | 31 | 19 | 31 | 18 | 32 | 19 | 32 | 15 | 32 | 13 | 32 | 12 | 32 | 10 | 32 | 13 | 13 | 4 |
| 5 | 20 | 6 | 19 | 4 | 24 | 10 | 28 | 18 | 30 | 15 | 30 | 16 | 30 | 15 | 30 | 16 | 30 | 20 | 31 | 20 | 32 | 15 | 1 | 23 | 11 | 5 |
| 6 | 32 | 15 | 32 | 15 | 32 | 16 | 30 | 19 | 30 | 18 | 31 | 11 | 32 | 15 | 32 | 14 | 32 | 11 | 32 | 7 | 32 | 4 | 1 | 5 | 14 | 6 |
| 7 | 24 | 10 | 24 | 10 | 22 | 10 | 22 | 9 | 22 | 12 | 22 | 11 | 22 | 10 | 22 | 10 | 25 | 12 | 25 | 12 | 26 | 9 | 26 | 7 | 8 | 7 |
| 8 | 21 | 14 | 22 | 13 | 22 | 16 | 22 | 15 | 22 | 15 | 22 | 11 | 22 | 13 | 22 | 16 | 22 | 17 | 22 | 16 | 22 | 14 | 22 | 6 | 10 | 8 |
| 9 | 22 | 14 | 22 | 13 | 22 | 12 | 22 | 8 | 22 | 10 | 21 | 12 | 21 | 10 | 21 | 8 | 18 | 5 | 18 | 5 | 18 | 7 | 17 | 9 | 9 | 9 |
| 10 | 17 | 13 | 18 | 14 | 18 | 15 | 18 | 13 | 18 | 11 | 17 | 14 | 17 | 12 | 17 | 10 | 16 | 13 | 16 | 13 | 16 | 13 | 16 | 14 | 12 | 10 |
| 11 | — | 2 | 26 | 5 | 24 | 7 | 26 | 8 | 27 | 7 | 27 | 9 | 27 | 10 | 27 | 6 | — | 2 | — | 0 | — | 0 | — | 0 | 9 | 11 |
| 12 | 21 | 13 | 21 | 14 | 21 | 15 | 21 | 15 | 21 | 14 | 20 | 12 | 20 | 10 | 18 | 8 | 18 | 10 | 17 | 10 | 16 | 10 | 16 | 11 | 8 | 12 |
| 13 | 21 | 21 | 18 | 21 | 18 | 21 | 17 | 22 | 21 | 22 | 22 | 22 | 22 | 25 | 22 | 26 | 22 | 24 | 22 | 20 | 25 | 19 | 18 | 18 | 18 | 13 |
| 14 | 27 | 10 | 24 | 10 | 24 | 12 | 24 | 10 | 24 | 7 | 24 | 7 | 24 | 9 | 23 | 4 | — | 2 | 19 | 4 | 18 | 4 | 17 | 7 | 11 | 14 |
| 15 | 23 | 23 | 22 | 22 | 22 | 21 | 22 | 21 | 22 | 19 | 22 | 19 | 22 | 18 | 22 | 16 | 22 | 15 | 22 | 15 | 22 | 15 | 22 | 13 | 17 | 15 |
| 16 | 27 | 13 | 28 | 14 | 29 | 15 | 27 | 14 | 28 | 14 | 30 | 16 | 30 | 15 | 30 | 15 | 32 | 12 | 1 | 10 | 1 | 15 | 1 | 12 | 11 | 16 |
| 17 | 1 | 17 | 1 | 18 | 2 | 16 | 1 | 15 | 1 | 14 | 1 | 15 | 1 | 15 | 32 | 15 | 32 | 17 | 1 | 10 | 1 | 13 | 1 | 10 | 13 | 17 |
| 18 | 30 | 11 | 29 | 10 | 26 | 10 | 24 | 10 | 24 | 9 | 24 | 8 | 23 | 9 | 23 | 8 | 23 | 7 | 23 | 5 | 19 | 7 | 17 | 7 | 8 | 18 |
| 19 | 27 | 14 | 27 | 15 | 28 | 14 | 29 | 12 | 28 | 12 | 29 | 11 | 29 | 10 | 30 | 12 | 30 | 12 | 30 | 10 | 30 | 10 | 30 | 7 | 12 | 19 |
| 20 | 28 | 10 | 28 | 12 | 27 | 14 | 28 | 12 | 28 | 12 | 28 | 10 | 28 | 10 | 28 | 6 | 23 | 4 | — | 2 | — | 2 | — | 3 | 8 | 20 |
| 21 | 16 | 9 | 16 | 12 | 16 | 12 | 16 | 11 | 16 | 11 | 16 | 11 | 16 | 9 | 16 | 12 | 16 | 13 | 16 | 15 | 15 | 13 | 16 | 10 | 8 | 21 |
| 22 | 27 | 9 | 27 | 12 | 28 | 15 | 28 | 14 | 29 | 17 | 29 | 15 | 29 | 14 | 30 | 14 | 30 | 11 | 30 | 9 | 31 | 7 | 32 | 10 | 12 | 22 |
| 23 | 2 | 15 | 2 | 14 | 30 | 21 | 30 | 18 | 31 | 16 | 31 | 17 | 31 | 15 | 1 | 12 | 1 | 10 | 1 | 10 | 1 | 5 | 6 | 4 | 11 | 23 |
| 24 | 32 | 15 | 32 | 15 | 30 | 14 | 30 | 16 | 30 | 18 | 30 | 17 | 30 | 14 | 30 | 13 | 2 | 7 | 3 | 10 | 4 | 5 | 7 | 4 | 10 | 24 |
| 25 | 29 | 14 | 29 | 13 | 28 | 11 | 28 | 15 | 28 | 15 | 32 | 10 | 1 | 4 | 30 | 4 | 5 | 9 | 6 | 6 | — | 2 | 7 | 4 | 7 | 25 |
| 26 | 5 | 9 | 6 | 7 | 6 | 7 | 6 | 8 | 5 | 7 | 18 | 6 | 18 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | 4 | 26 |
| 27 | 23 | 7 | 23 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 0 | — | 0 | — | 1 | — | 1 | 2 | 27 |
| 28 | 12 | 10 | 12 | 11 | 24 | 7 | 28 | 8 | — | 2 | 27 | 5 | 12 | 7 | 12 | 10 | 12 | 10 | 11 | 9 | 11 | 8 | 8 | 6 | 8 | 28 |
| 29 | 24 | 7 | 24 | 7 | 24 | 7 | 24 | 7 | 26 | 5 | — | 3 | — | 2 | — | 2 | — | 2 | — | 0 | — | 0 | 17 | 4 | 4 | 29 |
| 30 | — | 2 | 21 | 4 | 21 | 9 | 21 | 7 | 21 | 8 | 21 | 5 | — | 3 | — | 2 | — | 1 | — | 0 | — | 1 | — | 1 | 3 | 30 |
| | — | 11 | — | 11 | — | 12 | — | 12 | — | 12 | — | 11 | — | 10 | — | 10 | — | 9 | — | 8 | — | 7 | — | 8 | 9 | |
| | — | 13·2 | — | 13·3 | — | 13·3 | — | 13·0 | — | 12·6 | — | 12·0 | — | 10·9 | — | 9·7 | — | 8·9 | — | 8·4 | — | 8·2 | — | 8·3 | 10·2 | Mean, 1881–1905. |

**VALENCIA.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JUNE, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | ·1 | — | — | — | ·3 | ·6 | 1·0 | 1·0 | ·6 | 1·0 | — | | 4·6 | ⊖, dull to fine. |
| 2 | — | — | — | — | 1·0 | 1·0 | ·7 | ·2 | ·4 | 1·0 | ·7 | ·5 | ·9 | 1·0 | 1·0 | — | — | 8·4 | ⊖, fine. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | ·1 | ·1 | ·5 | ·3 | ·5 | — | 1·5 | ≋°, overcast, clearing a little in after- |
| 4 | — | ·1 | ·1 | — | — | ·3 | ·2 | ·2 | — | 1·0 | ·1 | ·6 | ·2 | ·4 | ·9 | ·7 | — | 4·8 | Misty and dull to fair. [noon. |
| 5 | — | ·05 | — | ·05 | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | 0·2 | A.M. cloudy ; P.M. ≋° and drizzling ●. |
| 6 | — | — | — | ·3 | ·1 | 1·0 | ·9 | 1·0 | ·9 | 1·0 | ·5 | ·6 | ·4 | — | ·1 | ·2 | ·3 | 7·3 | Fair ; good visibility. |
| 7 | — | — | — | — | — | — | — | ·05 | ·1 | 1·0 | ·1 | ·05 | — | — | — | — | — | 0·3 | Dull day ; ●° at night. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy to overcast ; ≋°. |
| 9 | — | — | — | — | — | — | — | ·1 | ·5 | ·7 | — | ·1 | ·7 | ·1 | ·05 | ·05 | — | 2·3 | ≋° at first, clearing later. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and unsettled-looking ; ● about 20h. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋° and ● till about 16h., then clearing. |
| 12 | — | ·1 | ·1 | ·7 | ·8 | ·3 | ·2 | ·5 | ·4 | ·1 | ·3 | ·3 | — | — | — | ·1 | ·3 | 2·5 | A.M. fair, with clear atmosphere ; P.M. dull. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3·8 | Misty and showery day ; ⁄⁄ P.M. |
| 14 | — | ·4 | ·9 | ·1 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·9 | 1·0 | ·4 | 13·0 | ●° early, then fine. |
| 15 | — | — | — | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·8 | ·2 | — | 6·6 | A.M. ● and ≋° ; P.M. fine. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fine clear day ; ●² at night. |
| 17 | — | ·7 | ·8 | ·5 | ·5 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·7 | ·5 | — | 12·4 | Dull early with ●, then fair. [at 15h. |
| 18 | — | ·2 | ·6 | 1·0 | 1·0 | ·3 | ·1 | ·5 | 1·0 | 1·0 | 1·0 | ·6 | ·9 | ·8 | ·05 | — | — | 9·05 | Dull day, clearing a little 14h.–16h. ; ⊕ |
| 19 | — | — | — | — | ·2 | ·3 | — | — | — | — | ·5 | 1·0 | ·1 | — | — | — | — | 2·1 | Showery at first, then fair ; overcast in |
| 20 | — | — | — | — | — | — | ·4 | 1·0 | ·5 | ·6 | ·4 | — | — | — | — | — | — | 2·9 | [evening. |
| 21 | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | 8·6 | Cloudy morning, then fine and bright. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ☼ ; fine. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋° and ● till 14h., then clearing some- |
| 24 | ·1 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | 15·3 | Fine and bright. |
| 25 | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | 15·7 | ☼ ; very fine. |
| 26 | — | — | — | — | ·5 | ·6 | ·6 | ·6 | ·7 | ·3 | ·7 | 1·0 | ·8 | ·9 | 1·0 | 1·0 | ·2 | 8·9 | Fair to fine ; ⊖ in afternoon. |
| 27 | — | ·3 | 1·0 | 1·0 | ·1 | — | ·7 | 1·0 | ·9 | ·2 | ·1 | ·2 | ·4 | ·6 | 1·0 | ·8 | — | 8·3 | Hazy all day. |
| 28 | — | — | — | ·3 | ·5 | ·3 | ·7 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | 6·9 | ⊖ ; fair to dull. |
| 29 | — | — | — | — | ·1 | ·2 | ·9 | ·8 | ·3 | ·8 | ·6 | ·8 | ·5 | — | — | — | — | 5·0 | Hazy day. |
| 30 | — | — | — | — | — | ·1 | ·2 | — | — | ·4 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | 6·2 | ⊖ ; cloudy morning, clearing in after- |
| | 0·7 | 4·55 | 6·8 | 7·05 | 8·7 | 10·3 | 11·5 | 12·7 | 14·45 | 16·2 | 14·8 | 16·75 | 16·5 | 14·2 | 13·6 | 12·15 | 2·9 | 183·85 | [noon. Distant ⊤ 16h.–17h. Total. |
| | 0·47 | 6·23 | 10·18 | 12·32 | 13·21 | 13·96 | 14·46 | 14·32 | 14·86 | 15·36 | 15·29 | 14·89 | 13·98 | 12·89 | 11·61 | 8·31 | 1·11 | 193·48 | Mean Total, 1881–1905. |

TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JUNE, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·9 | 59·5 | 59·1 | 58·9 | 57·3 | 55·7 | 56·1 | 56·4 | 56·3 | 58·8 | 59·8 | 60·7 | 59·7 | 60·9 | 61·4 | 62·9 | 63·5 | 64·9 | 61·8 | 60·0 | 58·2 | 56·6 | 55·8 | 55·6 | 56·1 | 59·1 |
| 2 | 56·1 | 56·4 | 55·8 | 55·8 | 55·4 | 55·9 | 56·4 | 56·8 | 57·9 | 62·6 | 64·7 | 63·7 | 60·1 | 61·6 | 63·8 | 63·9 | 63·5 | 62·3 | 61·3 | 60·9 | 58·5 | 57·4 | 56·9 | 55·9 | 54·3 | 59·3 |
| 3 | 54·3 | 53·6 | 53·9 | 54·6 | 55·2 | 55·9 | 55·9 | 57·9 | 59·2 | 61·4 | 59·4 | 58·7 | 58·3 | 59·9 | 59·5 | 61·2 | 62·9 | 61·8 | 60·2 | 59·8 | 59·5 | 57·5 | 57·1 | 56·5 | 54·8 | 58·1 |
| 4 | 54·8 | 55·7 | 55·6 | 55·5 | 53·5 | 55·1 | 56·6 | 57·2 | 57·0 | 57·9 | 58·3 | 58·1 | 57·7 | 57·1 | 57·1 | 56·2 | 56·7 | 55·3 | 54·8 | 54·7 | 53·3 | 52·7 | 52·2 | 52·2 | 52·1 | 55·6 |
| 5 | 52·1 | 51·9 | 51·6 | 51·0 | 50·8 | 50·9 | 51·7 | 53·2 | 54·3 | 56·3 | 55·2 | 56·7 | 56·9 | 55·0 | 56·5 | 57·6 | 57·1 | 56·7 | 55·5 | 55·5 | 54·7 | 53·8 | 53·2 | 53·8 | 54·2 | 54·3 |
| 6 | 54·2 | 52·8 | 51·9 | 50·9 | 50·5 | 50·5 | 51·1 | 52·1 | 53·3 | 53·1 | 54·3 | 55·7 | 55·9 | 55·8 | 56·5 | 55·7 | 55·1 | 54·8 | 54·1 | 52·9 | 52·7 | 52·0 | 50·5 | 48·9 | 48·9 | 53·0 |
| 7 | 48·9 | 48·7 | 50·3 | 50·3 | 50·2 | 50·3 | 50·7 | 51·4 | 51·8 | 52·9 | 52·9 | 54·7 | 56·3 | 57·3 | 57·6 | 58·8 | 59·6 | 58·8 | 58·1 | 55·2 | 55·0 | 55·4 | 55·2 | 55·1 | 54·8 | 53·7 |
| 8 | 54·8 | 54·7 | 53·2 | 52·9 | 52·6 | 52·0 | 53·3 | 55·1 | 55·6 | 56·7 | 57·3 | 59·6 | 58·8 | 59·0 | 58·6 | 60·2 | 60·4 | 58·9 | 58·2 | 57·7 | 57·3 | 56·7 | 56·5 | 56·4 | 56·2 | 56·6 |
| 9 | 56·2 | 55·9 | 56·2 | 56·0 | 56·0 | 55·9 | 55·8 | 56·4 | 57·8 | 57·7 | 58·1 | 59·7 | 61·1 | 62·0 | 62·9 | 62·3 | 62·9 | 64·4 | 61·3 | 59·2 | 58·3 | 56·8 | 55·9 | 56·1 | 55·9 | 58·5 |
| 10 | 55·9 | 54·6 | 54·6 | 53·8 | 53·5 | 53·8 | 54·6 | 55·2 | 56·4 | 57·3 | 58·2 | 59·9 | 60·7 | 61·1 | 60·4 | 59·1 | 59·9 | 58·8 | 58·1 | 57·2 | 55·4 | 55·6 | 55·6 | 55·7 | 55·5 | 56·9 |
| 11 | 55·5 | 55·8 | 55·9 | 55·9 | 55·6 | 55·4 | 55·7 | 55·4 | 54·9 | 55·2 | 53·3 | 52·7 | 53·4 | 54·4 | 55·7 | 56·1 | 55·1 | 56·5 | 55·5 | 54·9 | 53·7 | 51·2 | 50·5 | 50·5 | 49·3 | 54·4 |
| 12 | 49·3 | 48·7 | 49·3 | 45·2 | 44·2 | 43·9 | 44·3 | 49·4 | 53·4 | 57·8 | 56·4 | 57·4 | 58·8 | 58·8 | 59·1 | 59·5 | 57·5 | 56·0 | 54·9 | 54·4 | 53·2 | 52·9 | 52·9 | 53·2 | 53·4 | 53·0 |
| 13 | 53·4 | 54·7 | 54·6 | 54·8 | 54·4 | 54·7 | 54·9 | 55·5 | 55·5 | 55·8 | 55·7 | 55·6 | 55·4 | 55·8 | 55·7 | 56·0 | 56·3 | 56·6 | 55·8 | 55·5 | 53·8 | 53·0 | 52·7 | 52·8 | 52·9 | 54·6 |
| 14 | 52·9 | 51·7 | 51·3 | 51·8 | 51·2 | 50·7 | 51·5 | 52·0 | 51·5 | 53·5 | 54·4 | 55·1 | 55·4 | 54·9 | 57·4 | 57·9 | 58·7 | 59·3 | 55·5 | 56·0 | 54·4 | 51·1 | 49·6 | 48·9 | 48·4 | 53·6 |
| 15 | 48·4 | 48·9 | 50·1 | 51·5 | 51·5 | 51·9 | 51·5 | 51·0 | 52·0 | 53·2 | 54·4 | 54·8 | 54·7 | 56·5 | 57·1 | 57·3 | 57·4 | 57·9 | 56·3 | 54·5 | 52·5 | 51·3 | 50·9 | 50·3 | 49·9 | 53·2 |
| 16 | 49·6 | 49·7 | 48·6 | 48·5 | 48·5 | 46·7 | 49·2 | 51·5 | 52·2 | 51·9 | 53·9 | 52·9 | 54·2 | 55·2 | 54·7 | 54·9 | 56·4 | 56·2 | 53·6 | 52·1 | 51·0 | 51·4 | 50·8 | 50·3 | 48·6 | 51·9 |
| 17 | 48·6 | 48·0 | 48·6 | 48·5 | 48·8 | 48·0 | 48·8 | 50·6 | 51·5 | 52·9 | 51·4 | 52·7 | 52·7 | 54·2 | 55·2 | 55·2 | 55·1 | 55·2 | 54·5 | 53·7 | 52·1 | 51·2 | 51·2 | 51·1 | 50·8 | 51·7 |
| 18 | 50·8 | 50·7 | 50·4 | 50·0 | 49·9 | 48·6 | 50·0 | 50·8 | 51·3 | 52·8 | 53·2 | 53·0 | 53·1 | 52·9 | 54·3 | 55·9 | 56·0 | 55·8 | 53·8 | 53·2 | 52·2 | 51·3 | 50·8 | 50·3 | 50·4 | 52·1 |
| 19 | 50·4 | 50·6 | 51·7 | 51·0 | 51·2 | 51·9 | 52·7 | 53·3 | 52·6 | 52·3 | 52·9 | 53·7 | 54·9 | 53·8 | 55·7 | 56·9 | 55·3 | 54·6 | 54·6 | 53·8 | 53·3 | 52·9 | 52·0 | 51·4 | 51·5 | 53·1 |
| 20 | 51·5 | 51·7 | 51·5 | 50·8 | 50·7 | 51·0 | 51·4 | 52·0 | 52·4 | 53·7 | 54·2 | 54·8 | 55·3 | 56·4 | 56·5 | 57·2 | 57·6 | 58·5 | 57·3 | 56·0 | 55·6 | 53·3 | 50·9 | 49·4 | 47·5 | 53·7 |
| 21 | 47·5 | 47·7 | 46·5 | 45·9 | 44·7 | 44·9 | 47·1 | 53·2 | 58·2 | 60·2 | 61·5 | 62·5 | 61·4 | 61·7 | 61·8 | 62·7 | 64·3 | 63·4 | 60·5 | 58·4 | 57·1 | 56·2 | 55·7 | 55·7 | 55·3 | 55·9 |
| 22 | 55·3 | 55·7 | 55·7 | 55·8 | 55·8 | 55·9 | 56·4 | 56·9 | 57·1 | 57·4 | 57·8 | 58·7 | 56·8 | 56·2 | 55·7 | 57·7 | 58·4 | 59·5 | 57·4 | 56·8 | 55·7 | 54·3 | 53·2 | 52·9 | 53·1 | 56·3 |
| 23 | 53·1 | 53·2 | 52·3 | 52·7 | 53·1 | 53·1 | 53·9 | 54·8 | 55·7 | 55·8 | 55·5 | 57·2 | 58·2 | 58·0 | 58·9 | 57·8 | 58·8 | 59·8 | 57·9 | 56·4 | 55·5 | 53·9 | 52·9 | 52·3 | 50·4 | 55·4 |
| 24 | 50·4 | 50·7 | 50·4 | 50·6 | 50·4 | 51·1 | 53·4 | 55·1 | 56·3 | 56·9 | 57·0 | 57·3 | 57·9 | 57·9 | 58·4 | 58·9 | 60·1 | 59·1 | 57·5 | 56·4 | 55·8 | 54·1 | 53·2 | 52·7 | 51·4 | 55·1 |
| 25 | 51·4 | 51·6 | 50·9 | 49·3 | 50·4 | 50·3 | 52·6 | 56·4 | 58·8 | 60·9 | 61·8 | 61·1 | 61·2 | 62·6 | 62·1 | 64·8 | 63·5 | 65·9 | 68·3 | 66·8 | 63·8 | 63·7 | 61·5 | 60·7 | 61·9 | 59·4 |
| 26 | 61·9 | 60·5 | 60·2 | 58·8 | 57·9 | 58·9 | 59·8 | 61·1 | 63·7 | 66·4 | 68·9 | 70·0 | 71·3 | 71·7 | 71·7 | 73·2 | 73·5 | 73·1 | 69·7 | 68·2 | 65·2 | 61·5 | 58·6 | 57·5 | 55·6 | 65·0 |
| 27 | 55·6 | 54·6 | 53·7 | 53·8 | 52·5 | 54·1 | 53·7 | 57·0 | 62·9 | 66·4 | 68·4 | 72·2 | 74·3 | 72·2 | 70·4 | 69·7 | 70·1 | 69·2 | 68·9 | 68·3 | 66·5 | 64·0 | 61·8 | 60·8 | 59·4 | 63·5 |
| 28 | 59·4 | 58·8 | 57·5 | 56·7 | 56·4 | 55·8 | 57·6 | 59·8 | 64·7 | 67·3 | 68·3 | 69·1 | 70·4 | 70·9 | 70·4 | 68·7 | 65·7 | 65·0 | 63·6 | 64·0 | 64·3 | 63·7 | 62·9 | 62·5 | 61·5 | 63·6 |
| 29 | 61·5 | 61·0 | 59·8 | 59·9 | 59·9 | 60·1 | 60·4 | 60·9 | 61·5 | 64·0 | 65·5 | 68·3 | 68·7 | 66·3 | 66·9 | 66·7 | 67·0 | 64·9 | 64·6 | 63·3 | 61·8 | 61·7 | 61·2 | 60·8 | 60·9 | 63·2 |
| 30 | 60·9 | 61·1 | 61·1 | 61·1 | 60·7 | 60·7 | 60·6 | 61·0 | 61·7 | 62·6 | 64·6 | 67·5 | 63·2 | 64·0 | 67·4 | 66·3 | 67·1 | 66·9 | 66·1 | 64·9 | 63·3 | 61·7 | 59·3 | 59·0 | 58·1 | 63·0 |
| Mean ... | 53·8 | 53·6 | 53·4 | 53·1 | 52·8 | 52·8 | 53·6 | 55·1 | 56·3 | 57·7 | 58·3 | 59·1 | 59·2 | 59·6 | 60·0 | 60·4 | 60·4 | 60·2 | 58·9 | 58·1 | 56·8 | 55·6 | 54·7 | 54·3 | 53·8 | 56·6 |
| Mean, 1871–1905. | 54·2 | 53·9 | 53·6 | 53·4 | 53·2 | 53·2 | 53·9 | 55·3 | 56·5 | 57·7 | 58·6 | 59·4 | 59·9 | 60·4 | 60·5 | 60·6 | 60·5 | 60·2 | 59·3 | 58·5 | 57·3 | 56·0 | 55·2 | 54·8 | 54·4 | 56·9 |

TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JUNE, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 84 | 83 | 86 | 88 | 90 | 93 | 91 | 90 | 89 | 81 | 81 | 81 | 83 | 82 | 85 | 79 | 72 | 69 | 77 | 80 | 82 | 84 | 83 | 82 | 81 | 83·0 |
| 2 | 81 | 83 | 86 | 87 | 89 | 83 | 83 | 82 | 82 | 75 | 73 | 77 | 75 | 77 | 77 | 76 | 75 | 80 | 84 | 85 | 89 | 89 | 90 | 92 | 95 | 82·4 |
| 3 | 95 | 94 | 93 | 94 | 95 | 95 | 96 | 94 | 92 | 88 | 90 | 89 | 91 | 86 | 87 | 86 | 82 | 86 | 88 | 87 | 86 | 89 | 90 | 89 | 95 | 90·0 |
| 4 | 93 | 93 | 90 | 91 | 96 | 83 | 90 | 87 | 84 | 82 | 77 | 82 | 81 | 74 | 69 | 68 | 66 | 68 | 71 | 72 | 73 | 74 | 74 | 73 | 75 | 79·3 |
| 5 | 75 | 78 | 78 | 79 | 79 | 83 | 82 | 77 | 75 | 77 | 78 | 77 | 81 | 90 | 94 | 93 | 90 | 84 | 88 | 93 | 94 | 92 | 92 | 86 | 76 | 84·0 |
| 6 | 76 | 76 | 75 | 74 | 73 | 70 | 71 | 71 | 69 | 71 | 70 | 71 | 66 | 70 | 67 | 67 | 69 | 70 | 72 | 76 | 75 | 74 | 80 | 85 | 82 | 72·5 |
| 7 | 82 | 84 | 77 | 76 | 77 | 74 | 74 | 75 | 79 | 79 | 84 | 78 | 78 | 78 | 78 | 76 | 82 | 91 | 95 | 98 | 98 | 95 | 97 | 97 | 98 | 83·8 |
| 8 | 98 | 96 | 98 | 93 | 94 | 95 | 94 | 91 | 95 | 91 | 86 | 83 | 87 | 87 | 91 | 88 | 88 | 90 | 91 | 92 | 90 | 94 | 95 | 95 | 95 | 91·7 |
| 9 | 95 | 96 | 94 | 97 | 98 | 98 | 96 | 95 | 92 | 93 | 92 | 89 | 86 | 84 | 83 | 82 | 80 | 78 | 83 | 86 | 89 | 88 | 90 | 87 | 86 | 89·5 |
| 10 | 86 | 88 | 87 | 92 | 95 | 92 | 87 | 84 | 83 | 82 | 79 | 75 | 75 | 77 | 78 | 82 | 79 | 82 | 85 | 88 | 95 | 93 | 93 | 92 | 92 | 85·5 |
| 11 | 92 | 91 | 91 | 89 | 88 | 89 | 87 | 89 | 94 | 96 | 91 | 93 | 88 | 90 | 90 | 90 | 79 | 77 | 72 | 71 | 73 | 84 | 84 | 90 | 88 | 86·5 |
| 12 | 88 | 88 | 83 | 92 | 91 | 94 | 92 | 90 | 82 | 76 | 70 | 71 | 68 | 71 | 68 | 73 | 73 | 75 | 76 | 78 | 85 | 86 | 88 | 91 | 94 | 81·3 |
| 13 | 94 | 88 | 89 | 92 | 96 | 97 | 98 | 97 | 97 | 97 | 96 | 96 | 96 | 99 | 99 | 98 | 97 | 95 | 93 | 89 | 86 | 90 | 91 | 93 | 91 | 94·3 |
| 14 | 91 | 92 | 88 | 83 | 80 | 83 | 77 | 70 | 79 | 71 | 68 | 72 | 71 | 69 | 71 | 69 | 67 | 66 | 72 | 73 | 76 | 84 | 88 | 89 | 90 | 77·0 |
| 15 | 90 | 89 | 86 | 85 | 87 | 91 | 91 | 95 | 95 | 96 | 95 | 93 | 88 | 77 | 73 | 73 | 71 | 71 | 73 | 72 | 78 | 78 | 80 | 82 | 85 | 83·6 |
| 16 | 85 | 85 | 89 | 86 | 87 | 89 | 88 | 82 | 81 | 80 | 74 | 75 | 70 | 76 | 71 | 68 | 66 | 68 | 69 | 71 | 75 | 76 | 77 | 80 | 80 | 78·3 |
| 17 | 89 | 92 | 94 | 89 | 90 | 92 | 86 | 80 | 77 | 74 | 76 | 74 | 71 | 69 | 65 | 70 | 68 | 68 | 69 | 71 | 79 | 84 | 81 | 79 | 80 | 78·4 |
| 18 | 80 | 80 | 80 | 82 | 82 | 81 | 80 | 80 | 80 | 74 | 73 | 74 | 73 | 69 | 68 | 67 | 68 | 66 | 71 | 73 | 76 | 80 | 83 | 86 | 90 | 76·3 |
| 19 | 90 | 86 | 86 | 96 | 97 | 97 | 97 | 98 | 96 | 97 | 88 | 84 | 81 | 83 | 79 | 78 | 77 | 77 | 75 | 74 | 79 | 77 | 79 | 85 | 83 | 85·5 |
| 20 | 83 | 81 | 87 | 91 | 89 | 87 | 90 | 85 | 83 | 77 | 77 | 77 | 77 | 74 | 75 | 74 | 73 | 69 | 72 | 74 | 76 | 82 | 91 | 91 | 96 | 80·9 |
| 21 | 96 | 93 | 97 | 96 | 96 | 96 | 92 | 93 | 81 | 79 | 74 | 72 | 74 | 74 | 76 | 73 | 71 | 73 | 82 | 84 | 87 | 90 | 93 | 93 | 96 | 84·8 |
| 22 | 96 | 95 | 96 | 98 | 98 | 98 | 98 | 98 | 99 | 100 | 99 | 97 | 98 | 97 | 91 | 82 | 78 | 69 | 77 | 79 | 79 | 76 | 81 | 85 | 83 | 89·9 |
| 23 | 83 | 81 | 84 | 83 | 83 | 83 | 83 | 82 | 79 | 77 | 74 | 73 | 66 | 64 | 65 | 62 | 66 | 66 | 63 | 64 | 62 | 68 | 70 | 75 | 78 | 86 | 73·0 |
| 24 | 86 | 83 | 85 | 84 | 84 | 78 | 72 | 74 | 67 | 62 | 65 | 64 | 65 | 65 | 65 | 67 | 65 | 68 | 68 | 67 | 70 | 76 | 78 | 80 | 83 | 72·3 |
| 25 | 83 | 86 | 88 | 93 | 88 | 92 | 91 | 81 | 73 | 68 | 73 | 77 | 73 | 73 | 77 | 71 | 75 | 70 | 63 | 69 | 75 | 75 | 82 | 85 | 83 | 78·4 |
| 26 | 83 | 86 | 87 | 90 | 93 | 93 | 93 | 91 | 88 | 80 | 70 | 68 | 69 | 70 | 69 | 64 | 68 | 77 | 79 | 85 | 89 | 91 | 94 | 95 | 91 | 81·8 |
| 27 | 95 | 95 | 98 | 94 | 96 | 91 | 92 | 89 | 83 | 80 | 75 | 75 | 66 | 70 | 72 | 73 | 74 | 74 | 76 | 77 | 82 | 86 | 88 | 88 | 93 | 82·9 |
| 28 | 93 | 94 | 96 | 93 | 95 | 94 | 94 | 91 | 81 | 73 | 71 | 70 | 67 | 68 | 72 | 75 | 80 | 82 | 82 | 77 | 77 | 78 | 80 | 81 | 84 | 81·6 |
| 29 | 84 | 84 | 84 | 88 | 87 | 88 | 85 | 87 | 86 | 79 | 79 | 76 | 74 | 81 | 79 | 78 | 77 | 80 | 82 | 82 | 84 | 85 | 89 | 90 | 91 | 83·0 |
| 30 | 91 | 91 | 91 | 89 | 92 | 92 | 92 | 92 | 89 | 86 | 84 | 79 | 84 | 84 | 79 | 79 | 76 | 76 | 78 | 78 | 84 | 88 | 87 | 90 | 92 | 85·5 |
| Mean ... | 87·9 | 87·7 | 88·1 | 88·8 | 89·5 | 89·0 | 88·0 | 86·2 | 84·3 | 81·3 | 79·7 | 78·6 | 77·3 | 77·6 | 77·0 | 76·3 | 74·9 | 75·1 | 77·6 | 78·7 | 81·5 | 83·5 | 85·7 | 86·9 | 88·2 | 82·6 |
| Mean, 1886–1905. | 86·7 | 87·0 | 87·8 | 87·7 | 88·0 | 88·0 | 86·9 | 84·9 | 82·0 | 79·6 | 76·9 | 75·5 | 75·0 | 74·4 | 74·3 | 74·4 | 73·8 | 73·8 | 76·2 | 78·4 | 81·0 | 83·8 | 85·0 | 85·9 | 86·7 | 81·1 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. JUNE, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1 + \ldots + 23 + \frac{1}{2}(0 + 24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

**ABERDEEN.** DAILY EXTREMES of PRESSURE and TEMPERATURE. JUNE, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·983 | 9·923 | 52·2 | 46·1 | 9 | 0·071 | 9·925 | 60·3 | 46·0 | 17 | 9·887 | 9·740 | 52·1 | 41·0 | 25 | 0·262 | 0·155 | **73·2** | 48·6 |
| 2 | 9·973 | 9·918 | 52·1 | 49·3 | 10 | 0·070 | 9·863 | 68·0 | 49·8 | 18 | 9·860 | 9·671 | 51·2 | 45·8 | 26 | **0·371** | 0·260 | 66·2 | 54·6 |
| 3 | 0·016 | 9·999 | **73·2** | 49·9 | 11 | 9·868 | 9·706 | 58·6 | 46·2 | 19 | 9·725 | 9·530 | 56·0 | 45·2 | 27 | **0·371** | 0·316 | 67·2 | 56·1 |
| 4 | 0·011 | 9·864 | 66·1 | 47·6 | 12 | 9·805 | 9·632 | 58·4 | 42·1 | 20 | 0·100 | 9·725 | 57·8 | 44·3 | 28 | 0·311 | 0·271 | 58·8 | 52·1 |
| 5 | 9·907 | 9·710 | 56·8 | 45·0 | 13 | 9·634 | **9·152** | 57·3 | 46·1 | 21 | 0·116 | 0·067 | 58·1 | 42·0 | 29 | 0·284 | 0·249 | 54·2 | 50·1 |
| 6 | 0·056 | 9·798 | 50·2 | **38·7** | 14 | 9·728 | 9·283 | 57·3 | 44·9 | 22 | 0·073 | 9·956 | 56·1 | 48·4 | 30 | 0·281 | 0·242 | 58·3 | 47·2 |
| 7 | 0·051 | 9·792 | 53·0 | 38·8 | 15 | 9·721 | 9·334 | 54·1 | 42·9 | 23 | 0·230 | 9·999 | 59·0 | 50·2 | | | | | |
| 8 | 9·929 | 9·761 | 58·1 | 43·9 | 16 | 9·740 | 9·286 | 63·5 | 46·9 | 24 | 0·311 | 0·209 | 58·0 | 49·2 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 58·8 | 46·6 |

TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. JUNE, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·934 | 9·933 | 9·928 | 9·928 | 9·935 | 9·940 | 9·947 | 9·961 | 9·970 | 9·968 | 9·966 | 9·960 | 9·962 | 9·966 | 9·967 | 9·965 | 9·962 | 9·962 | 9·967 | 9·973 | 9·978 | 9·978 | 9·976 | 9·974 | 9·973 | 9·959 |
| 2 | 9·973 | 9·966 | 9·967 | 9·954 | 9·962 | 9·957 | 9·955 | 9·961 | 9·967 | 9·961 | 9·968 | 9·967 | 9·967 | 9·959 | 9·965 | 9·953 | 9·939 | 9·937 | 9·936 | 9·938 | 9·939 | 9·941 | 9·938 | 9·943 | 9·928 | 9·954 |
| 3 | 9·928 | 9·918 | 9·913 | 9·910 | 9·920 | 9·927 | 9·939 | 9·943 | 9·945 | 9·946 | 9·944 | 9·935 | 9·935 | 9·937 | 9·933 | 9·933 | 9·949 | 9·958 | 9·974 | 9·987 | 9·993 | 0·002 | 0·009 | 0·013 | 0·011 | 9·951 |
| 4 | 0·011 | 9·995 | 9·990 | 9·985 | 9·971 | 9·958 | 9·948 | 9·926 | 9·920 | 9·895 | 9·871 | 9·884 | 9·883 | 9·871 | 9·865 | 9·870 | 9·887 | 9·883 | 9·890 | 9·907 | 9·892 | 9·896 | 9·902 | 9·901 | 9·907 | 9·914 |
| 5 | 9·907 | 9·898 | 9·888 | 9·872 | 9·860 | 9·856 | 9·853 | 9·844 | 9·848 | 9·849 | 9·838 | 9·819 | 9·818 | 9·798 | 9·774 | 9·767 | 9·752 | 9·737 | 9·721 | 9·710 | 9·720 | 9·726 | 9·739 | 9·752 | 9·798 | 9·804 |
| 6 | 9·798 | 9·821 | 9·841 | 9·859 | 9·875 | 9·892 | 9·915 | 9·933 | 9·939 | 9·956 | 9·984 | 9·990 | 0·003 | 0·015 | 0·034 | 0·042 | 0·039 | 0·036 | 0·040 | 0·041 | 0·046 | 0·054 | 0·054 | 0·051 | 0·051 | 0·974 |
| 7 | 0·051 | 0·041 | 0·037 | 0·036 | 0·026 | 9·220 | 0·013 | 0·009 | 9·997 | 9·981 | 9·975 | 9·954 | 9·936 | 9·919 | 9·910 | 9·886 | 9·863 | 9·835 | 9·817 | 9·803 | 9·793 | 9·809 | 9·809 | 9·811 | 9·805 | 9·925 |
| 8 | 9·805 | 9·801 | 9·802 | 9·797 | 9·795 | 9·791 | 9·787 | 9·781 | 9·782 | 9·774 | 9·769 | 9·766 | 9·770 | 9·763 | 9·779 | 9·797 | 9·812 | 9·821 | 9·844 | 9·856 | 9·879 | 9·894 | 9·911 | 9·920 | 9·929 | 9·815 |
| 9 | 9·929 | 9·930 | 9·931 | 9·934 | 9·941 | 9·949 | 9·952 | 9·948 | 9·947 | 9·948 | 9·946 | 9·943 | 9·950 | 9·966 | 9·970 | 9·972 | 9·978 | 9·992 | 0·013 | 0·025 | 0·033 | 0·052 | 0·066 | 0·067 | 0·070 | 9·977 |
| 10 | 0·070 | 0·069 | 0·069 | 0·052 | 0·048 | 0·048 | 0·046 | 0·035 | 0·040 | 0·030 | 0·019 | 0·005 | 9·995 | 9·979 | 9·962 | 9·948 | 9·933 | 9·928 | 9·926 | 9·916 | 9·909 | 9·904 | 9·887 | 9·885 | 9·867 | 9·983 |
| 11 | 9·867 | 9·850 | 9·843 | 9·833 | 9·821 | 9·807 | 9·806 | 9·798 | 9·785 | 9·779 | 9·770 | 9·760 | 9·746 | 9·737 | 9·718 | 9·715 | 9·718 | 9·709 | 9·719 | 9·724 | 9·734 | 9·746 | 9·761 | 9·765 | 9·771 | 9·769 |
| 12 | 9·771 | 9·781 | 9·784 | 9·786 | 9·789 | 9·797 | 9·832 | 9·803 | 9·804 | 9·795 | 9·787 | 9·772 | 9·762 | 9·748 | 9·722 | 9·711 | 9·708 | 9·685 | 9·678 | 9·675 | 9·673 | 9·672 | 9·662 | 9·642 | 9·632 | 9·739 |
| 13 | 9·632 | 9·614 | 9·595 | 9·579 | 9·562 | 9·540 | 9·512 | 9·480 | 9·453 | 9·424 | 9·400 | 9·378 | 9·340 | 9·303 | 9·269 | 9·228 | 9·184 | 9·164 | 9·155 | 9·180 | 9·206 | 9·238 | 9·253 | 9·262 | 9·285 | 9·366 |
| 14 | 9·285 | 9·288 | 9·289 | 9·307 | 9·344 | 9·373 | 9·405 | 9·433 | 9·481 | 9·511 | 9·537 | 9·556 | 9·578 | 9·604 | 9·620 | 9·637 | 9·655 | 9·672 | 9·695 | 9·707 | 9·713 | 9·719 | 9·728 | 9·719 | 9·721 | 9·545 |
| 15 | 9·721 | 9·716 | 9·712 | 9·714 | 9·716 | 9·705 | 9·708 | 9·698 | 9·688 | 9·667 | 9·650 | 9·629 | 9·593 | 9·558 | 9·528 | 9·504 | 9·468 | 9·442 | 9·396 | 9·367 | 9·367 | 9·351 | 9·341 | 9·336 | 9·334 | 9·558 |
| 16 | 9·334 | 9·318 | 9·309 | 9·295 | 9·287 | 9·269 | 9·310 | 9·328 | 9·333 | 9·362 | 9·385 | 9·402 | 9·417 | 9·437 | 9·451 | 9·470 | 9·509 | 9·540 | 9·585 | 9·615 | 9·643 | 9·672 | 9·707 | 9·723 | 9·740 | 9·455 |
| 17 | 9·740 | 9·746 | 9·761 | 9·770 | 9·788 | 9·805 | 9·818 | 9·822 | 9·836 | 9·844 | 9·853 | 9·857 | 9·869 | 9·870 | 9·879 | 9·882 | 9·879 | 9·880 | 9·871 | 9·866 | 9·873 | 9·875 | 9·871 | 9·868 | 9·866 | 9·841 |
| 18 | 9·866 | 9·845 | 9·839 | 9·830 | 9·828 | 9·825 | 9·828 | 9·825 | 9·810 | 9·813 | 9·810 | 9·805 | 9·801 | 9·795 | 9·788 | 9·783 | 9·767 | 9·758 | 9·744 | 9·741 | 9·732 | 9·731 | 9·721 | 9·700 | 9·671 | 9·787 |
| 19 | 9·671 | 9·651 | 9·639 | 9·629 | 9·618 | 9·612 | 9·604 | 9·593 | 9·583 | 9·567 | 9·560 | 9·550 | 9·550 | 9·545 | 9·535 | 9·534 | 9·530 | 9·554 | 9·579 | 9·593 | 9·623 | 9·654 | 9·684 | 9·702 | 9·725 | 9·600 |
| 20 | 9·725 | 9·739 | 9·752 | 9·767 | 9·793 | 9·806 | 9·837 | 9·861 | 9·887 | 9·922 | 9·922 | 9·940 | 9·955 | 9·963 | 9·972 | 9·985 | 0·002 | 0·006 | 0·028 | 0·043 | 0·059 | 0·082 | 0·098 | 0·095 | 0·100 | 9·934 |
| 21 | 0·100 | 0·096 | 0·091 | 0·090 | 0·078 | 0·088 | 0·094 | 0·103 | 0·103 | 0·101 | 0·105 | 0·112 | 0·116 | 0·108 | 0·092 | 0·074 | 0·074 | 0·067 | 0·070 | 0·071 | 0·076 | 0·077 | 0·080 | 0·076 | 0·073 | 0·089 |
| 22 | 0·073 | 0·059 | 0·053 | 0·040 | 0·030 | 0·030 | 0·018 | 0·026 | 0·025 | 0·015 | 0·015 | 0·001 | 9·985 | 9·976 | 9·964 | 9·959 | 9·960 | 9·968 | 9·972 | 9·972 | 9·979 | 9·980 | 9·987 | 9·990 | 9·991 | 9·999 | 0·002 |
| 23 | 9·999 | 0·006 | 0·013 | 0·018 | 0·016 | 0·026 | 0·041 | 0·055 | 0·060 | 0·065 | 0·082 | 0·088 | 0·091 | 0·094 | 0·103 | 0·114 | 0·127 | 0·137 | 0·144 | 0·160 | 0·181 | 0·197 | 0·214 | 0·223 | 0·230 | 0·099 |
| 24 | 0·230 | 0·242 | 0·246 | 0·248 | 0·260 | 0·269 | 0·283 | 0·289 | 0·296 | 0·296 | 0·292 | 0·298 | 0·311 | 0·306 | 0·306 | 0·286 | 0·274 | 0·263 | 0·257 | 0·247 | 0·240 | 0·232 | 0·224 | 0·222 | 0·209 | 0·267 |
| 25 | 0·209 | 0·200 | 0·195 | 0·186 | 0·182 | 0·177 | 0·174 | 0·172 | 0·175 | 0·173 | 0·168 | 0·160 | 0·156 | 0·158 | 0·159 | 0·175 | 0·179 | 0·184 | 0·207 | 0·214 | 0·219 | 0·230 | 0·241 | 0·250 | 0·262 | 0·190 |
| 26 | 0·262 | 0·263 | 0·265 | 0·269 | 0·270 | 0·287 | 0·297 | 0·307 | 0·320 | 0·326 | 0·326 | 0·325 | 0·328 | 0·327 | 0·328 | 0·328 | 0·323 | 0·324 | 0·331 | 0·337 | 0·345 | 0·352 | 0·362 | 0·363 | 0·371 | 0·317 |
| 27 | 0·371 | 0·368 | 0·370 | 0·361 | 0·358 | 0·356 | 0·358 | 0·350 | 0·343 | 0·339 | 0·334 | 0·334 | 0·332 | 0·329 | 0·329 | 0·322 | 0·325 | 0·316 | 0·323 | 0·310 | 0·320 | 0·320 | 0·328 | 0·326 | 0·322 | 0·338 |
| 28 | 0·320 | 0·306 | 0·304 | 0·303 | 0·299 | 0·304 | 0·309 | 0·310 | 0·310 | 0·308 | 0·304 | 0

**ABERDEEN.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 11 | 4 | 11 | 4 | 11 | 5 | 11 | 5 |
| 2 | 9 | 5 | 9 | 7 | 9 | 8 | 9 | 7 | 11 | 7 | 10 | 5 | 12 | 4 | 12 | 5 | 9 | 5 | 12 | 7 | 12 | 6 | 9 | 6 |
| 3 | 12 | 4 | — | 2 | 14 | 4 | 16 | 5 | — | 3 | — | 3 | 15 | 4 | 15 | 4 | 17 | 6 | 13 | 7 | 14 | 7 | 16 | 8 |
| 4 | — | 2 | — | 3 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 3 | — | 3 | 13 | 4 | 28 | 11 | 28 | 10 |
| 5 | 26 | 8 | 25 | 15 | 26 | 15 | 26 | 18 | 26 | 18 | 26 | 21 | 27 | 26 | 27 | 24 | 27 | 27 | 27 | 27 | 26 | 26 | 26 | 21 |
| 6 | 31 | 13 | 31 | 13 | 31 | 11 | 30 | 12 | 30 | 15 | 30 | 15 | 31 | 18 | 31 | 16 | 32 | 17 | 31 | 15 | 32 | 15 | 32 | 15 |
| 7 | — | 3 | 29 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 16 | 4 | 15 | 8 | 15 | 8 |
| 8 | 25 | 6 | 24 | 4 | — | 3 | 24 | 6 | 22 | 6 | 22 | 7 | 21 | 7 | 22 | 8 | 20 | 9 | 24 | 8 | 25 | 14 | 23 | 10 |
| 9 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 13 | 4 | 13 | 7 | 14 | 7 | 15 | 7 | 14 | 10 | 15 | 7 |
| 10 | — | 1 | — | 1 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | 15 | 4 | 16 | 8 | 20 | 10 | 19 | 13 |
| 11 | 18 | 10 | 19 | 6 | 10 | 7 | 18 | 7 | 19 | 6 | 19 | 10 | 18 | 11 | 19 | 12 | 18 | 11 | 16 | 10 | 16 | 10 | 16 | 9 |
| 12 | — | 3 | 22 | 4 | 21 | 6 | 21 | 5 | 21 | 7 | 21 | 7 | 21 | 7 | 20 | 6 | 19 | 4 | 14 | 7 | 14 | 9 | 14 | 10 |
| 13 | 20 | 7 | 20 | 4 | 19 | 4 | 20 | 4 | 18 | 7 | 18 | 10 | 20 | 10 | 19 | 12 | 17 | 10 | 16 | 10 | 15 | 10 | 16 | 10 |
| 14 | 28 | 7 | 29 | 11 | 29 | 9 | 29 | 10 | 28 | 8 | 29 | 12 | 29 | 15 | 30 | 12 | 29 | 12 | 30 | 12 | 28 | 12 | 26 | 15 |
| 15 | 24 | 4 | 23 | 4 | 22 | 5 | — | 3 | 20 | 7 | 20 | 7 | 19 | 7 | 18 | 10 | 14 | 9 | 16 | 11 | 14 | 8 | 15 | 11 |
| 16 | 17 | 12 | 17 | 13 | 18 | 12 | 18 | 10 | 19 | 9 | 21 | 10 | 20 | 15 | 20 | 15 | 19 | 13 | 19 | 12 | 20 | 13 | 19 | 11 |
| 17 | 31 | 4 | 31 | 4 | 31 | 4 | 30 | 7 | 28 | 7 | 28 | 10 | 28 | 9 | 30 | 10 | 30 | 9 | 30 | 10 | 32 | 8 | 32 | 9 |
| 18 | 30 | 4 | 30 | 4 | 29 | 4 | — | 3 | — | 2 | 30 | 4 | — | 3 | 2 | 4 | 7 | 5 | 9 | 4 | 11 | 6 | 14 | 7 |
| 19 | 16 | 4 | — | 2 | — | 2 | — | 3 | 18 | 5 | — | 2 | 16 | 5 | 16 | 7 | 15 | 9 | 16 | 10 | 16 | 9 | 18 | 7 |
| 20 | 29 | 7 | — | 2 | 27 | 7 | 26 | 6 | 27 | 9 | 28 | 8 | 28 | 9 | 27 | 10 | 28 | 9 | 28 | 10 | 28 | 11 | 29 | 10 |
| 21 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | 15 | 4 | 15 | 9 | 14 | 8 | 15 | 12 | 14 | 10 | 14 | 11 |
| 22 | 17 | 4 | 17 | 5 | 15 | 4 | 15 | 5 | 17 | 5 | 16 | 8 | 15 | 10 | 16 | 12 | 15 | 14 | 15 | 12 | 15 | 12 | 15 | 16 |
| 23 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 25 | 4 | 29 | 6 | 30 | 7 | 30 | 7 | 3 | 6 | 5 | 9 |
| 24 | — | 1 | — | 2 | 32 | 4 | 32 | 4 | — | 2 | — | 2 | 32 | 7 | 28 | 5 | 29 | 4 | 7 | 7 | 11 | 7 | 12 | 9 |
| 25 | — | 3 | 25 | 4 | 25 | 4 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | 17 | 5 | 26 | 10 | 24 | 4 |
| 26 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | 4 | 4 | — | 3 | 7 | 4 | — | 3 | 10 | 4 | 10 | 4 |
| 27 | — | 0 | — | 1 | — | 1 | — | 2 | 10 | 4 | 14 | 4 | 16 | 4 | — | 3 | 16 | 4 | 14 | 5 | 14 | 7 | 15 | 8 |
| 28 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | 12 | 4 | 12 | 5 | 9 | 6 |
| 29 | 7 | 5 | — | 3 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 5 | 7 | 5 | 7 | 5 | 7 | 5 | 9 | 6 | 9 | 6 | 9 | 8 |
| 30 | — | 0 | — | 2 | — | 2 | — | 0 | — | 2 | 12 | 4 | 12 | 4 | 10 | 5 | 10 | 6 | 9 | 6 | 9 | 6 | 10 | 7 |
| Mean ... | — | 4 | — | 4 | — | 5 | — | 5 | — | 5 | — | 6 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 | — | 9 |
| Mean, 1881–1905. | — | 5·3 | — | 5·3 | — | 5·3 | — | 5·4 | — | 5·6 | — | 6·1 | — | 7·0 | — | 7·8 | — | 8·5 | — | 9·0 | — | 9·8 | — | 10·1 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of has been applied for friction. When the velocity is less than 4 miles per hour,

**ABERDEEN.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JUNE, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.[a] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 01 | 02 |
| 2 | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 01 | 05 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | 02 |
| 6 | 01 | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 7 | — | — | — | — | — | — | — | — | — | 01 | — | — | 01 | 02 | 01 | 01 | — | — | — | — | 04 | — | — | — | 10 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 01 | — | — | — | 02 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 03 | 33 | 29 | 09 | 09 | 02 | — | — | — | — | — | 87 |
| 12 | — | — | — | — | — | — | — | — | — | — | 04 | 01 | 02 | 08 | 17 | — | — | — | — | — | — | — | — | — | 32 |
| 13 | — | — | — | — | — | — | — | — | — | 06 | 04 | 01 | — | — | 01 | — | — | — | — | — | — | 03 | — | — | 15 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 03 | — | 01 | 04 | — | — | — | — | — | 11 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | — | 01 | — | — | — | — | — | 04 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | 01 | 02 | 01 | — | 03 | 06 | 01 | — | — | 06 | — | 01 | 01 | — | — | — | 04 | — | — | — | — | — | — | — | 26 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 02 | — | 02 | — | — | — | — | — | — | 07 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 02 | 03 | 04 | 02 | 03 | 06 | 01 | — | — | 13 | 05 | 07 | 05 | 08 | 48 | 53 | 16 | 12 | 09 | — | 05 | 03 | 02 | 02 | 2·09 |
| Average 1871–1905. | ·059 | ·068 | ·070 | ·079 | ·077 | ·084 | ·083 | ·072 | ·069 | ·098 | ·082 | ·087 | ·096 | ·082 | ·088 | ·091 | ·110 | ·093 | ·073 | ·070 | ·084 | ·067 | ·063 | ·070 | 1·914 |

[a] Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JUNE, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 10 | 7 | 10 | 7 | 11 | 7 | 9 | 6 | 13 | 7 | 10 | 7 | 13 | 5 | 12 | 6 | 13 | 6 | 12 | 6 | 9 | 5 | 9 | 5 | 5 | 1 |
| 9 | 7 | 10 | 5 | 10 | 7 | 9 | 6 | 10 | 7 | 9 | 7 | 10 | 4 | 12 | 4 | — | 3 | 10 | 4 | 13 | 4 | 11 | 4 | 6 | 2 |
| 14 | 8 | 15 | 7 | 15 | 5 | 18 | 4 | 5 | 9 | 5 | 5 | 6 | 4 | — | 2 | — | 1 | — | 2 | 4 | 4 | — | 2 | 5 | 3 |
| 27 | 16 | 28 | 15 | 29 | 19 | 28 | 22 | 28 | 20 | 27 | 22 | 27 | 19 | 27 | 21 | 27 | 16 | 25 | 18 | 25 | 15 | 25 | 12 | 11 | 4 |
| 27 | 21 | 27 | 22 | 26 | 20 | 27 | 21 | 27 | 18 | 27 | 15 | 27 | 17 | 26 | 16 | 27 | 13 | 27 | 11 | 28 | 12 | 31 | 12 | 19 | 5 |
| 32 | 13 | 30 | 14 | 30 | 15 | 30 | 14 | 30 | 11 | 31 | 12 | 31 | 10 | 32 | 7 | 30 | 6 | 30 | 5 | 29 | 4 | 29 | 4 | 12 | 6 |
| 16 | 8 | 16 | 7 | 16 | 7 | 16 | 7 | 18 | 4 | 18 | 5 | 19 | 7 | 19 | 7 | 26 | 6 | — | 1 | — | 3 | 23 | 4 | 5 | 7 |
| 28 | 11 | 27 | 12 | 28 | 16 | 27 | 12 | 29 | 9 | 31 | 8 | 28 | 10 | 27 | 8 | 27 | 7 | 27 | 4 | — | 3 | 25 | 4 | 8 | 8 |
| 15 | 8 | 16 | 6 | 16 | 6 | 13 | 5 | — | 3 | — | 3 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | 4 | 9 |
| 19 | 14 | 16 | 11 | 19 | 12 | 19 | 14 | 20 | 13 | 20 | 12 | 20 | 10 | 19 | 7 | 19 | 8 | 19 | 10 | 20 | 9 | 19 | 8 | 7 | 10 |
| 17 | 10 | 17 | 7 | 31 | 7 | 32 | 5 | 2 | 4 | 2 | 5 | — | 3 | — | 2 | — | 1 | — | 3 | 23 | 7 | 22 | 7 | 7 | 11 |
| 12 | 9 | 14 | 8 | 20 | 8 | 20 | 7 | — | 2 | 21 | 9 | 22 | 7 | 22 | 7 | 22 | 4 | 21 | 5 | 20 | 9 | 20 | 8 | 7 | 12 |
| 15 | 11 | 15 | 12 | 16 | 10 | 17 | 11 | 16 | 7 | 17 | 8 | 27 | 15 | 28 | 12 | 28 | 11 | 32 | 8 | 29 | 7 | 29 | 7 | 9 | 13 |
| 27 | 15 | 28 | 14 | 24 | 11 | 26 | 7 | 27 | 4 | 17 | 7 | 17 | 6 | 17 | 4 | 16 | 4 | — | 2 | — | 3 | — | 2 | 9 | 14 |
| 15 | 13 | 15 | 12 | 16 | 11 | 16 | 11 | 15 | 11 | 15 | 12 | 16 | 15 | 16 | 10 | 16 | 10 | 17 | 10 | 18 | 9 | 17 | 8 | 9 | 15 |
| 21 | 11 | 21 | 12 | 28 | 12 | 27 | 14 | 28 | 12 | 29 | 9 | 32 | 8 | 32 | 7 | 31 | 5 | 32 | 4 | 32 | 4 | — | 3 | 10 | 16 |
| 3 | 8 | 7 | 12 | 6 | 11 | 6 | 11 | 5 | 12 | 5 | 10 | 3 | 7 | 32 | 7 | 32 | 4 | 32 | 6 | 32 | 5 | 31 | 7 | 8 | 17 |
| 14 | 7 | 16 | 9 | 16 | 7 | 17 | 7 | 16 | 7 | 16 | 7 | 17 | 7 | 16 | 6 | 16 | 6 | 16 | 7 | 18 | 5 | 16 | 4 | 5 | 18 |
| 15 | 5 | 17 | 5 | 15 | 7 | 16 | 5 | 6 | 7 | 7 | 4 | 1 | 5 | 29 | 7 | 29 | 10 | 28 | 9 | 29 | 5 | 29 | 7 | 6 | 19 |
| 30 | 8 | 31 | 9 | 32 | 10 | 30 | 8 | 2 | 9 | 7 | 10 | 8 | 10 | 8 | 5 | — | 2 | — | 2 | — | 2 | — | 2 | 7 | 20 |
| 15 | 11 | 15 | 11 | 15 | 12 | 16 | 12 | 17 | 12 | 16 | 13 | 16 | 11 | 17 | 10 | 16 | 8 | 16 | 10 | 16 | 5 | 17 | 4 | 8 | 21 |
| 15 | 14 | 16 | 15 | 15 | 14 | 16 | 12 | 16 | 12 | 16 | 11 | 14 | 10 | 16 | 7 | 16 | 7 | 16 | 4 | — | 2 | — | 1 | 9 | 22 |
| 7 | 9 | 6 | 11 | 6 | 9 | 6 | 7 | 6 | 7 | 6 | 8 | 5 | 4 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | 5 | 23 |
| 11 | 10 | 12 | 8 | 13 | 10 | 14 | 10 | 14 | 9 | 15 | 8 | 15 | 8 | 16 | 5 | 17 | 7 | 19 | 7 | — | 2 | — | 2 | 6 | 24 |
| 27 | 7 | 5 | 4 | 5 | 4 | — | 2 | 4 | 4 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | 3 | 25 |
| 10 | 4 | 10 | 4 | 10 | 4 | 10 | 4 | 10 | 4 | 10 | 4 | 10 | 4 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 3 | 26 |
| 14 | 8 | 14 | 8 | 14 | 9 | 15 | 9 | 15 | 8 | 15 | 7 | 16 | 6 | 16 | 5 | 16 | 6 | 16 | 4 | 16 | 4 | — | 2 | 5 | 27 |
| 10 | 5 | 11 | 6 | 10 | 6 | 10 | 4 | 10 | 4 | — | 3 | — | 3 | 12 | 4 | 12 | 4 | — | 3 | — | 2 | — | 2 | 3 | 28 |
| 9 | 7 | 9 | 6 | 9 | 6 | 10 | 7 | 10 | 4 | 12 | 5 | 12 | 5 | 12 | 4 | 12 | 4 | — | 3 | — | 2 | — | 1 | 5 | 29 |
| 11 | 7 | 11 | 8 | 10 | 8 | 11 | 8 | 12 | 7 | 12 | 7 | 12 | 8 | 12 | 4 | 12 | 4 | — | 3 | 12 | 4 | 13 | 4 | 5 | 30 |
| — | 10 | — | 10 | — | 10 | — | 9 | — | 8 | — | 8 | — | 8 | — | 6 | — | 6 | — | 5 | — | 5 | — | 4 | 7 | Mean, 1881–1905. |
| — | 10·2 | — | 10·0 | — | 10·0 | — | 9·5 | — | 8·9 | — | 8·3 | — | 7·5 | — | 6·5 | — | 5·7 | — | 5·5 | — | 5·2 | — | 5·3 | 7·4 | |

the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction the direction is omitted, the record not being trustworthy in very light airs.

**ABERDEEN.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JUNE, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ or ≋[9] all day, with drizzling ● occa- |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●[9] early, and ≋ throughout. [sionally. |
| 3 | — | — | ·1 | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·1 | ·9 | ·8 | ·3 | — | 10·3 | ≋ early, then clearing. |
| 4 | — | — | — | ·1 | ·8 | 1·0 | ·8 | — | ·2 | ·3 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | ·9 | ·1 | 9·0 | A.M. bright to cloudy, with ⚿, ●[2] about 11h.–12h.; P.M. bright, but squally. |
| 5 | ·1 | — | ·5 | ·8 | ·7 | ·7 | ·9 | 1·0 | 1·0 | ·5 | ·6 | ·4 | ·9 | ·9 | ·7 | — | — | 9·7 | Bright on the whole, and ⚿. |
| 6 | ·4 | ·8 | ·8 | ·5 | ·9 | ·5 | ·1 | ·3 | ·3 | ·1 | ·5 | ·8 | ·8 | ·4 | ·6 | ·8 | ·3 | 8·9 | A.M. cloudy and squally, with ●[2]; P.M. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull generally; ● showers P.M. [finer. |
| 8 | ·6 | 1·0 | 1·0 | ·7 | ·4 | ·3 | ·1 | ·3 | ·7 | ·6 | ·5 | ·3 | ·2 | ·1 | ·2 | — | — | 7·0 | Cloudy to bright. |
| 9 | — | — | — | ·4 | ·7 | ·4 | 1·0 | 1·0 | ·4 | — | ·5 | ·3 | 1·0 | ·3 | — | ·1 | — | 6·1 | Bright to cloudy. |
| 10 | — | — | — | — | — | ·1 | ·5 | ·8 | ·7 | ·6 | ·3 | ·6 | ·9 | ·9 | — | — | — | 5·4 | Dull morning, clearing somewhat P.M. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●[2] in afternoon. |
| 12 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·9 | ·4 | ·5 | ·5 | ·2 | ·2 | ·5 | ·7 | ·8 | 1·0 | ·4 | 11·4 | Fairly bright, but ● and ▲ P.M.; ◠. |
| 13 | — | ·4 | — | — | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | 0·6 | Dull to cloudy; ●. |
| 14 | — | — | ·7 | ·9 | ·6 | ·4 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·3 | ·9 | ·5 | ·1 | ·4 | ·4 | 10·0 | Fine and bright, to cloudy and showery. |
| 15 | ·3 | 1·0 | 1·0 | ·7 | — | ·2 | — | — | — | — | — | — | — | — | — | ·2 | — | 3·4 | Fine early, then dull and ●[9]. |
| 16 | ·4 | ·9 | ·5 | 1·0 | 1·0 | 1·0 | ·7 | ·8 | ·5 | ·3 | ·9 | ·7 | ·2 | ·6 | ·1 | — | — | 9·6 | Bright to cloudy. |
| 17 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | — | — | — | — | — | — | 5·2 | Bright early, then cloudy to dull. |
| 18 | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | — | 0·2 | Dull and cold day. |
| 19 | — | — | — | — | ·2 | — | — | — | — | — | ·3 | ·3 | ·1 | — | ·2 | ·3 | — | 1·2 | A.M. dull and wet; P.M. cloudy to clear. |
| 20 | — | — | — | — | — | ·1 | ·2 | ·3 | ·9 | ·8 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | ·3 | 8·3 | Cloudy early; clearing to very fine and |
| 21 | ·2 | ·9 | 1·0 | ·8 | ·4 | ·7 | ·6 | ·2 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | 13·0 | Fine and bright generally. [calm. |
| 22 | — | ·6 | ·4 | ·5 | 1·0 | ·9 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·8 | ·1 | — | 11·9 | Bright, with cloudy intervals; dull at |
| 23 | — | — | — | — | — | — | — | — | ·3 | ·9 | ·4 | ·1 | ·3 | ·7 | 1·0 | ·7 | — | 4·4 | Dull to cloudy. [night. |
| 24 | — | — | ·1 | ·4 | ·9 | ·2 | ·7 | ·5 | ·9 | ·6 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | 10·6 | Cloudy to bright and fine. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 26 | — | — | — | ·1 | — | ·5 | ·7 | ·4 | — | — | — | — | — | — | — | — | — | 1·7 | A.M. ∞, cloudy; P.M. dull, ●[9]. |
| 27 | — | ·1 | — | — | — | — | ·6 | ·1 | — | ·8 | ·8 | ·8 | 1·0 | ·9 | ·2 | — | — | 5·3 | Cloudy, with bright intervals. |
| 28 | — | — | — | — | — | — | ·4 | ·8 | ·9 | ·6 | 1·0 | 1·0 | ·3 | ·2 | — | — | — | 5·2 | Dull at first, then cloudy to bright; ≋ at |
| 29 | — | — | — | — | — | ·1 | — | ·5 | — | ·5 | ·9 | ·1 | — | — | — | — | — | 2·1 | Dull day; brightening about 1h.–2h. [sea. |
| 30 | — | ·2 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·1 | 14·1 | ≋ at first; clearing later to a fine night. |
| | | | | | | | | | | | | | | | | | | | Fine, cloudless day. |
| | 3·5 | 7·9 | 9·0 | 10·4 | 11·6 | 10·1 | 11·9 | 11·3 | 12·0 | 12·1 | 14·6 | 12·3 | 13·4 | 14·1 | 10·9 | 9·1 | 2·5 | 176·7 | Total. |
| | 1·78 | 6·96 | 9·32 | 10·54 | 11·43 | 12·67 | 13·00 | 13·66 | 13·74 | 13·71 | 13·90 | 13·30 | 12·65 | 11·92 | 10·91 | 8·04 | 2·46 | 179·99 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JUNE, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 48·6 | 48·6 | 48·6 | 48·6 | 47·9 | 47·0 | 46·2 | 46·4 | 47·0 | 48·8 | 50·3 | 50·7 | 51·3 | 51·2 | 51·6 | 51·3 | 51·4 | 51·0 | 50·4 | 50·2 | 50·1 | 50·2 | 50·0 | 50·0 | 49·6 | 49·5 |
| 2 | 49·6 | 49·5 | 49·4 | 49·4 | 49·3 | 49·4 | 49·4 | 49·4 | 50·0 | 50·1 | 50·2 | 50·2 | 50·2 | 51·3 | 51·0 | 51·2 | 50·4 | 50·1 | 49·8 | 50·1 | 50·0 | 50·2 | 50·1 | 50·2 | 50·1 | 50·1 |
| 3 | 50·1 | 50·3 | 49·9 | 51·0 | 50·9 | 51·0 | 51·4 | 52·0 | 52·7 | 61·6 | 62·6 | 66·1 | 67·8 | 68·0 | 69·7 | 72·8 | 69·6 | 58·6 | 56·0 | 54·9 | 55·0 | 54·6 | 54·6 | 54·3 | 52·5 | 58·0 |
| 4 | 52·5 | 52·7 | 53·2 | 53·7 | 54·2 | 54·6 | 55·3 | 55·2 | 55·5 | 58·0 | 61·3 | 61·3 | 61·5 | 63·0 | 63·8 | 63·5 | 58·3 | 58·7 | 58·2 | 54·0 | 52·5 | 51·2 | 49·0 | 48·7 | 47·6 | 56·1 |
| 5 | 47·6 | 47·7 | 48·0 | 48·6 | 48·3 | 48·4 | 49·0 | 50·2 | 51·3 | 52·2 | 53·5 | 55·2 | 55·9 | 55·2 | 54·2 | 53·6 | 52·7 | 53·4 | 53·4 | 51·3 | 48·8 | 46·6 | 45·6 | 45·8 | 45·0 | 50·6 |
| 6 | 45·0 | 44·7 | 43·3 | 43·0 | 43·8 | 45·5 | 45·5 | 46·2 | 45·8 | 47·0 | 47·3 | 48·3 | 49·0 | 48·4 | 48·4 | 48·0 | 49·0 | 49·6 | 48·3 | 48·3 | 46·3 | 43·8 | 41·6 | 39·6 | 39·1 | 45·9 |
| 7 | 39·1 | 39·8 | 39·1 | 38·9 | 40·9 | 42·7 | 43·6 | 45·3 | 46·4 | 48·5 | 46·0 | 47·2 | 47·6 | 48·6 | 47·2 | 47·8 | 48·3 | 50·4 | 52·7 | 52·3 | 51·7 | 50·2 | 49·1 | 48·2 | 47·1 | 46·5 |
| 8 | 47·1 | 44·7 | 46·7 | 44·2 | 44·3 | 47·4 | 49·8 | 51·3 | 53·2 | 54·1 | 54·5 | 56·2 | 55·0 | 56·8 | 56·3 | 54·6 | 54·5 | 53·5 | 55·0 | 53·8 | 53·0 | 51·1 | 50·0 | 47·7 | 46·0 | 51·4 |
| 9 | 46·0 | 46·2 | 47·1 | 47·0 | 47·0 | 48·3 | 49·4 | 51·5 | 52·9 | 54·1 | 54·9 | 56·2 | 55·6 | 57·7 | 59·6 | 59·4 | 57·7 | 57·5 | 55·5 | 52·9 | 53·1 | 51·7 | 50·7 | 49·9 | 49·8 | 52·7 |
| 10 | 49·8 | 50·5 | 50·6 | 51·1 | 51·3 | 51·9 | 53·2 | 55·2 | 58·0 | 61·9 | 63·8 | 65·7 | 65·9 | 66·0 | 66·8 | 64·8 | 65·6 | 64·4 | 61·8 | 60·6 | 59·5 | 59·0 | 58·2 | 57·7 | 56·9 | 59·0 |
| 11 | 56·9 | 57·0 | 56·7 | 53·0 | 55·8 | 56·2 | 56·4 | 57·1 | 58·0 | 57·6 | 57·4 | 55·2 | 57·3 | 54·1 | 54·1 | 51·3 | 49·7 | 49·7 | 49·0 | 48·9 | 49·0 | 48·5 | 47·3 | 47·3 | 46·3 | 53·3 |
| 12 | 46·3 | 44·0 | 43·5 | 42·6 | 42·8 | 45·5 | 49·3 | 52·6 | 53·6 | 55·5 | 56·9 | 54·9 | 51·3 | 54·0 | 55·7 | 54·2 | 54·1 | 55·3 | 56·6 | 58·4 | 55·8 | 52·3 | 50·9 | 50·2 | 50·1 | 51·6 |
| 13 | 50·1 | 48·0 | 47·3 | 47·7 | 49·8 | 48·9 | 49·1 | 52·5 | 52·5 | 52·5 | 52·5 | 50·9 | 50·5 | 50·5 | 50·6 | 51·2 | 52·6 | 55·7 | 56·2 | 51·3 | 49·7 | 48·7 | 46·5 | 46·1 | 46·1 | 50·4 |
| 14 | 46·1 | 46·1 | 46·0 | 46·0 | 46·0 | 45·4 | 46·8 | 49·3 | 48·8 | 47·8 | 50·2 | 52·2 | 54·2 | 54·2 | 53·6 | 53·2 | 53·0 | 54·7 | 52·5 | 50·2 | 50·8 | 48·5 | 47·3 | 46·3 | 44·9 | 49·6 |
| 15 | 44·9 | 44·0 | 44·8 | 44·7 | 43·3 | 46·0 | 49·2 | 52·7 | 52·1 | 51·8 | 53·0 | 51·4 | 52·5 | 53·3 | 52·4 | 53·8 | 52·5 | 51·8 | 51·4 | 51·9 | 50·8 | 51·2 | 50·9 | 50·3 | 49·8 | 50·1 |
| 16 | 49·8 | 49·3 | 48·5 | 48·3 | 48·4 | 50·2 | 51·0 | 53·3 | 55·1 | 56·6 | 59·1 | 59·3 | 60·2 | 60·7 | 63·1 | 62·0 | 59·8 | 58·2 | 55·5 | 52·1 | 50·3 | 49·3 | 48·3 | 47·8 | 46·9 | 53·9 |
| 17 | 46·9 | 45·1 | 43·6 | 41·6 | 42·0 | 45·1 | 46·7 | 49·2 | 49·6 | 50·6 | 51·2 | 51·5 | 51·0 | 51·0 | 49·0 | 48·8 | 48·6 | 48·6 | 48·6 | 49·2 | 48·2 | 47·1 | 46·8 | 46·6 | 46·6 | 47·8 |
| 18 | 46·6 | 46·3 | 46·0 | 46·0 | 46·1 | 46·2 | 46·4 | 47·3 | 48·2 | 47·9 | 47·9 | 48·4 | 48·2 | 49·8 | 50·5 | 50·1 | 49·9 | 49·6 | 50·0 | 49·0 | 48·5 | 48·3 | 48·5 | 48·0 | 49·1 | 48·2 |
| 19 | 49·1 | 49·1 | 48·9 | 48·5 | 48·3 | 48·0 | 48·2 | 48·7 | 49·3 | 51·7 | 50·0 | 51·2 | 51·2 | 51·4 | 54·0 | 54·7 | 55·1 | 50·9 | 49·8 | 52·2 | 50·5 | 49·2 | 47·3 | 46·2 | 45·4 | 50·1 |
| 20 | 45·4 | 45·3 | 45·3 | 46·5 | 47·0 | 47·2 | 47·9 | 48·2 | 50·2 | 52·1 | 52·8 | 54·2 | 55·0 | 56·5 | 56·2 | 56·5 | 56·1 | 57·1 | 52·0 | 50·7 | 49·4 | 48·8 | 47·9 | 45·9 | 44·3 | 50·6 |
| 21 | 44·3 | 43·9 | 42·9 | 42·7 | 42·9 | 46·7 | 51·1 | 52·1 | 54·2 | 54·9 | 54·9 | 55·5 | 54·1 | 57·3 | 56·1 | 55·0 | 56·2 | 57·4 | 56·1 | 55·2 | 53·1 | 51·7 | 50·7 | 49·9 | 49·1 | 51·7 |
| 22 | 49·1 | 49·3 | 48·5 | 48·6 | 48·7 | 50·1 | 52·4 | 51·5 | 52·9 | 53·1 | 52·7 | 54·2 | 54·9 | 55·3 | 54·8 | 54·9 | 54·9 | 55·0 | 53·8 | 52·3 | 52·5 | 52·1 | 51·6 | 52·2 | 53·0 | 52·4 |
| 23 | 53·0 | 53·0 | 53·0 | 52·5 | 53·5 | 54·5 | 53·6 | 54·3 | 56·0 | 56·9 | 57·1 | 57·8 | 57·3 | 57·9 | 56·1 | 54·6 | 54·1 | 54·2 | 54·1 | 54·0 | 52·0 | 52·4 | 51·3 | 50·3 | 51·2 | 54·3 |
| 24 | 51·2 | 51·0 | 49·6 | 49·9 | 49·5 | 50·9 | 52·9 | 54·9 | 56·2 | 57·1 | 56·7 | 56·0 | 56·0 | 55·0 | 55·7 | 56·2 | 55·8 | 55·3 | 56·8 | 55·1 | 55·0 | 54·5 | 54·8 | 54·1 | 52·8 | 54·2 |
| 25 | 52·8 | 50·6 | 49·1 | 49·2 | 49·6 | 51·6 | 55·2 | 59·7 | 63·1 | 63·4 | 67·3 | 71·9 | 72·0 | 72·4 | 70·4 | 61·2 | 59·6 | 58·2 | 57·8 | 57·4 | 57·4 | 56·6 | 55·7 | 55·3 | 55·1 | 59·1 |
| 26 | 55·1 | 55·0 | 54·9 | 55·3 | 55·9 | 56·8 | 56·2 | 55·7 | 54·8 | 55·7 | 56·0 | 59·1 | 59·6 | 63·5 | 63·4 | 63·8 | 63·7 | 65·7 | 61·8 | 62·3 | 60·6 | 59·7 | 59·7 | 58·4 | 58·4 | 58·9 |
| 27 | 58·4 | 57·4 | 58·0 | 57·6 | 57·1 | 57·3 | 58·2 | 60·2 | 62·2 | 63·3 | 64·6 | 67·0 | 65·5 | 65·2 | 64·2 | 64·4 | 63·7 | 63·3 | 60·2 | 59·8 | 58·3 | 57·0 | 56·6 | 56·2 | 56·4 | 60·6 |
| 28 | 56·4 | 57·2 | 55·1 | 54·4 | 54·4 | 54·1 | 54·2 | 56·3 | 57·1 | 58·2 | 57·3 | 57·9 | 56·9 | 55·1 | 57·4 | 56·9 | 56·2 | 55·3 | 55·4 | 55·8 | 54·8 | 53·4 | 52·3 | 52·5 | 52·4 | 55·5 |
| 29 | 52·4 | 50·6 | 50·1 | 50·5 | 50·5 | 50·4 | 50·8 | 50·3 | 51·1 | 51·7 | 51·5 | 53·1 | 53·1 | 52·2 | 53·0 | 52·3 | 53·1 | 53·3 | 53·3 | 53·3 | 52·3 | 51·9 | 51·7 | 51·6 | 51·1 | 51·8 |
| 30 | 51·1 | 50·7 | 49·2 | 47·6 | 49·3 | 51·2 | 52·4 | 54·6 | 55·6 | 55·6 | 55·6 | 56·2 | 56·4 | 57·1 | 57·3 | 56·9 | 56·7 | 57·5 | 57·1 | 55·8 | 54·6 | 54·1 | 53·4 | 53·6 | 53·6 | 54·2 |
| Mean ... | 49·3 | 48·9 | 48·6 | 48·3 | 48·6 | 49·7 | 50·8 | 52·2 | 53·3 | 54·3 | 54·9 | 55·8 | 55·9 | 56·4 | 56·5 | 56·0 | 55·4 | 55·1 | 54·3 | 53·4 | 52·4 | 51·5 | 50·6 | 50·1 | 49·5 | 52·6 |
| Mean, 1871–1905. | 49·8 | 49·4 | 48·9 | 48·6 | 48·6 | 49·6 | 51·1 | 52·6 | 53·4 | 54·3 | 54·8 | 55·5 | 55·7 | 56·0 | 55·9 | 55·8 | 55·4 | 55·3 | 54·7 | 54·0 | 53·0 | 52·0 | 51·2 | 50·6 | 50·0 | 52·7 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JUNE, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 98 | 97 | 97 | 98 | 98 | 98 | 99 | 98 | 98 | 95 | 92 | 92 | 92 | 93 | 92 | 93 | 96 | 94 | 98 | 98 | 96 | 97 | 97 | 97 | 97 | 96·0 |
| 2 | 97 | 97 | 98 | 98 | 99 | 98 | 98 | 97 | 97 | 98 | 98 | 98 | 90 | 93 | 92 | 93 | 96 | 96 | 97 | 97 | 98 | 98 | 98 | 98 | 96 | 96·7 |
| 3 | 98 | 98 | 98 | 97 | 98 | 98 | 98 | 95 | 89 | 80 | 79 | 72 | 69 | 66 | 65 | 61 | 64 | 78 | 82 | 85 | 85 | 87 | 87 | 88 | 92 | 83·9 |
| 4 | 92 | 93 | 92 | 92 | 91 | 90 | 89 | 90 | 88 | 84 | 79 | 76 | 77 | 67 | 67 | 63 | 68 | 63 | 58 | 66 | 66 | 67 | 72 | 65 | 69 | 76·8 |
| 5 | 69 | 68 | 68 | 68 | 68 | 69 | 67 | 66 | 67 | 64 | 58 | 53 | 54 | 53 | 53 | 58 | 60 | 55 | 58 | 60 | 76 | 77 | 85 | 90 | 84 | 65·5 |
| 6 | 84 | 79 | 80 | 87 | 84 | 77 | 72 | 67 | 73 | 72 | 67 | 62 | 59 | 67 | 65 | 69 | 63 | 63 | 64 | 65 | 72 | 73 | 81 | 85 | 85 | 72·1 |
| 7 | 85 | 87 | 85 | 88 | 83 | 77 | 74 | 69 | 72 | 68 | 81 | 82 | 77 | 79 | 88 | 90 | 91 | 90 | 80 | 81 | 82 | 88 | 91 | 89 | 80 | 82·3 |
| 8 | 80 | 87 | 80 | 89 | 83 | 76 | 69 | 69 | 63 | 61 | 58 | 56 | 65 | 62 | 63 | 67 | 65 | 73 | 69 | 67 | 70 | 77 | 81 | 87 | 86 | 71·7 |
| 9 | 86 | 83 | 88 | 84 | 87 | 85 | 81 | 73 | 76 | 72 | 74 | 75 | 78 | 74 | 73 | 75 | 78 | 77 | 83 | 87 | 85 | 89 | 93 | 91 | 87 | 81·2 |
| 10 | 87 | 84 | 82 | 78 | 82 | 82 | 81 | 81 | 74 | 69 | 69 | 58 | 56 | 56 | 59 | 59 | 55 | 59 | 63 | 65 | 69 | 70 | 71 | 73 | 75 | 69·8 |
| 11 | 75 | 74 | 74 | 82 | 77 | 77 | 78 | 76 | 74 | 77 | 78 | 80 | 76 | 86 | 86 | 92 | 92 | 92 | 90 | 91 | 87 | 93 | 95 | 89 | 83 | 83·2 |
| 12 | 83 | 88 | 85 | 85 | 83 | 81 | 72 | 69 | 66 | 62 | 60 | 64 | 73 | 72 | 67 | 73 | 76 | 75 | 63 | 56 | 57 | 64 | 64 | 68 | 68 | 70·8 |
| 13 | 68 | 75 | 81 | 84 | 80 | 81 | 77 | 77 | 78 | 78 | 87 | 90 | 91 | 91 | 92 | 92 | 90 | 85 | 85 | 86 | 83 | 82 | 88 | 86 | 86 | 84·0 |
| 14 | 86 | 85 | 83 | 83 | 83 | 82 | 79 | 70 | 69 | 71 | 66 | 59 | 54 | 55 | 64 | 60 | 68 | 58 | 69 | 84 | 76 | 78 | 81 | 83 | 88 | 73·2 |
| 15 | 88 | 84 | 79 | 74 | 80 | 74 | 73 | 66 | 69 | 76 | 70 | 80 | 79 | 75 | 79 | 73 | 79 | 84 | 84 | 87 | 87 | 86 | 87 | 86 | 84 | 79·0 |
| 16 | 84 | 78 | 77 | 76 | 74 | 74 | 73 | 67 | 64 | 61 | 57 | 55 | 53 | 51 | 47 | 50 | 60 | 61 | 66 | 70 | 74 | 75 | 78 | 80 | 84 | 66·9 |
| 17 | 84 | 88 | 86 | 90 | 89 | 82 | 79 | 72 | 68 | 66 | 63 | 64 | 66 | 64 | 73 | 76 | 76 | 77 | 77 | 72 | 71 | 72 | 74 | 76 | 72 | 75·0 |
| 18 | 72 | 76 | 83 | 84 | 84 | 84 | 83 | 78 | 73 | 71 | 71 | 72 | 73 | 73 | 76 | 74 | 76 | 80 | 83 | 81 | 80 | 84 | 88 | 88 | 91 | 91 | 79·8 |
| 19 | 91 | 92 | 95 | 95 | 95 | 93 | 93 | 93 | 93 | 88 | 90 | 85 | 88 | 93 | 82 | 83 | 82 | 87 | 92 | 81 | 80 | 85 | 86 | 87 | 87 | 88·7 |
| 20 | 87 | 84 | 84 | 83 | 81 | 83 | 80 | 83 | 78 | 72 | 68 | 64 | 62 | 58 | 59 | 59 | 59 | 57 | 74 | 77 | 81 | 84 | 85 | 88 | 90 | 74·6 |
| 21 | 90 | 88 | 89 | 87 | 87 | 81 | 71 | 72 | 69 | 71 | 72 | 73 | 75 | 74 | 70 | 75 | 72 | 67 | 66 | 70 | 73 | 77 | 79 | 82 | 84 | 76·1 |
| 22 | 84 | 81 | 86 | 87 | 90 | 89 | 85 | 84 | 82 | 80 | 80 | 75 | 75 | 74 | 76 | 75 | 75 | 76 | 76 | 81 | 82 | 83 | 86 | 86 | 85 | 81·2 |
| 23 | 85 | 87 | 87 | 91 | 89 | 87 | 88 | 84 | 69 | 66 | 68 | 68 | 74 | 72 | 72 | 78 | 79 | 81 | 79 | 80 | 87 | 77 | 79 | 84 | 84 | 79·6 |
| 24 | 84 | 87 | 90 | 88 | 89 | 86 | 77 | 69 | 66 | 61 | 64 | 67 | 67 | 66 | 62 | 65 | 64 | 64 | 67 | 75 | 76 | 77 | 76 | 79 | 82 | 73·5 |
| 25 | 82 | 88 | 89 | 89 | 89 | 84 | 80 | 68 | 69 | 71 | 63 | 59 | 63 | 62 | 64 | 77 | 88 | 88 | 88 | 81 | 81 | 81 | 87 | 89 | 88 | 78·5 |
| 26 | 88 | 87 | 89 | 89 | 89 | 87 | 87 | 88 | 89 | 90 | 89 | 85 | 84 | 78 | 77 | 76 | 75 | 71 | 79 | 78 | 83 | 84 | 87 | 89 | 89 | 84·1 |
| 27 | 89 | 96 | 94 | 94 | 94 | 95 | 93 | 89 | 85 | 82 | 80 | 75 | 75 | 77 | 76 | 76 | 74 | 76 | 82 | 83 | 86 | 88 | 90 | 90 | 90 | 85·0 |
| 28 | 93 | 98 | 98 | 90 | 95 | 95 | 93 | 94 | 91 | 90 | 87 | 88 | 88 | 87 | 83 | 86 | 85 | 88 | 90 | 90 | 89 | 92 | 94 | 96 | 96 | 90·8 |
| 29 | 96 | 99 | 98 | 97 | 97 | 98 | 98 | 99 | 93 | 90 | 92 | 86 | 83 | 86 | 82 | 84 | 80 | 80 | 80 | 81 | 85 | 88 | 83 | 82 | 82 | 88·5 |
| 30 | 82 | 90 | 93 | 93 | 91 | 91 | 86 | 83 | 80 | 81 | 82 | 83 | 81 | 81 | 80 | 83 | 82 | 79 | 81 | 84 | 84 | 89 | 91 | 90 | 91 | 85·2 |
| Mean ... | 85·5 | 86·3 | 86·7 | 87·5 | 87·0 | 85·1 | 82·5 | 79·4 | 77·4 | 75·5 | 74·8 | 73·2 | 73·2 | 73·0 | 72·8 | 74·9 | 75·8 | 76·0 | 77·4 | 78·6 | 80·3 | 82·3 | 84·5 | 85·5 | 85·2 | 79·8 |
| Mean, 1886–1905. | 84·3 | 85·2 | 86·0 | 86·2 | 86·5 | 85·2 | 81·9 | 78·6 | 76·0 | 74·3 | 73·1 | 72·2 | 71·7 | 71·1 | 71·1 | 72·0 | 72·3 | 72·4 | 73·6 | 75·2 | 77·6 | 80·1 | 82·0 | 83·6 | 84·2 | 78·0 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. JUNE, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. JUNE, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·727 | 9·654 | 61·9 | 54·3 | 9 | **0·199** | 0·089 | 63·6 | 55·1 | 17 | 9·712 | 9·585 | 60·6 | 47·3 | 25 | 0·158 | 0·100 | 66·1 | 55·2 |
| 2 | 9·787 | 9·693 | 64·2 | 55·2 | 10 | **0·199** | 0·117 | 61·5 | 53·2 | 18 | 9·789 | 9·712 | 62·5 | **46·0** | 26 | 0·149 | 0·100 | 67·7 | 53·9 |
| 3 | 9·907 | 9·781 | **69·2** | 54·8 | 11 | 0·117 | 0·912 | 61·7 | 52·8 | 19 | 9·769 | 9·667 | 61·4 | 48·0 | 27 | 0·155 | 0·076 | 64·2 | 52·1 |
| 4 | 9·964 | 9·883 | 63·3 | 51·9 | 12 | 9·916 | 9·854 | 60·3 | 50·4 | 20 | 9·943 | 9·673 | 63·4 | 53·3 | 28 | 0·080 | 9·993 | 62·6 | 57·1 |
| 5 | 9·964 | 9·857 | 56·4 | 50·9 | 13 | 9·882 | 9·575 | 61·2 | 50·9 | 21 | 0·020 | 9·943 | 62·3 | 50·6 | 29 | 0·001 | 9·946 | 65·0 | 57·8 |
| 6 | 0·023 | 9·813 | 56·3 | 47·8 | 14 | 9·872 | 9·559 | 59·4 | 48·0 | 22 | 0·017 | 9·977 | 67·0 | 48·9 | 30 | 0·050 | 9·942 | 63·8 | 56·2 |
| 7 | 0·063 | 0·017 | 60·0 | **46·0** | 15 | 9·866 | 9·550 | 61·7 | 46·2 | 23 | 0·109 | 9·991 | 67·2 | 52·0 | | | | | |
| 8 | 0·099 | 9·996 | 59·9 | 47·3 | 16 | 9·599 | **9·507** | 59·1 | 49·1 | 24 | 0·154 | 0·105 | 62·0 | 54·3 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 62·5 | 51·8 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. JUNE, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·678 | 9·678 | 9·668 | 9·654 | 9·656 | 9·662 | 9·674 | 9·672 | 9·676 | 9·682 | 9·692 | 9·695 | 9·695 | 9·687 | 9·687 | 9·695 | 9·695 | 9·695 | 9·715 | 9·715 | 9·717 | 9·723 | 9·727 | 9·721 | 9·719 | 9·691 |
| 2 | 9·719 | 9·711 | 9·709 | 9·707 | 9·695 | 9·693 | 9·707 | 9·713 | 9·725 | 9·737 | 9·745 | 9·749 | 9·757 | 9·753 | 9·759 | 9·761 | 9·755 | 9·755 | 9·761 | 9·765 | 9·767 | 9·775 | 9·775 | 9·781 | 9·787 | 9·742 |
| 3 | 9·787 | 9·787 | 9·785 | 9·781 | 9·783 | 9·789 | 9·801 | 9·821 | 9·839 | 9·849 | 9·853 | 9·855 | 9·857 | 9·857 | 9·865 | 9·857 | 9·851 | 9·851 | 9·857 | 9·861 | 9·865 | 9·879 | 9·899 | 9·901 | 9·907 | 9·841 |
| 4 | 9·907 | 9·897 | 9·893 | 9·891 | 9·891 | 9·903 | 9·911 | 9·921 | 9·935 | 9·945 | 9·945 | 9·948 | 9·948 | 9·936 | 9·934 | 9·932 | 9·914 | 9·914 | 9·912 | 9·924 | 9·932 | 9·948 | 9·960 | 9·958 | 9·958 | 9·926 |
| 5 | 9·958 | 9·952 | 9·946 | 9·944 | 9·948 | 9·944 | 9·944 | 9·954 | 9·964 | 9·964 | 9·958 | 9·957 | 9·947 | 9·947 | 9·947 | 9·947 | 9·925 | 9·917 | 9·911 | 9·897 | 9·881 | 9·891 | 9·889 | 9·883 | 9·857 | 9·932 |
| 6 | 9·857 | 9·849 | 9·829 | 9·819 | 9·819 | 9·851 | 9·869 | 9·881 | 9·899 | 9·899 | 9·917 | 9·921 | 9·927 | 9·931 | 9·941 | 9·949 | 9·955 | 9·953 | 9·965 | 9·971 | 9·981 | 9·993 | 0·001 | 0·013 | 0·023 | 9·920 |
| 7 | 0·023 | 0·017 | 0·021 | 0·021 | 0·023 | 0·027 | 0·037 | 0·045 | 0·053 | 0·061 | 0·059 | 0·054 | 0·054 | 0·040 | 0·042 | 0·034 | 0·024 | 0·024 | 0·020 | 0·028 | 0·026 | 0·030 | 0·030 | 0·030 | 0·020 | 0·034 |
| 8 | 0·020 | 0·016 | 0·004 | 9·998 | 9·996 | 9·998 | 9·998 | 9·998 | 0·008 | 0·010 | 0·020 | 0·021 | 0·025 | 0·029 | 0·035 | 0·037 | 0·047 | 0·053 | 0·063 | 0·069 | 0·075 | 0·085 | 0·097 | 0·099 | 0·097 | 0·035 |
| 9 | 0·097 | 0·095 | 0·089 | 0·091 | 0·091 | 0·097 | 0·111 | 0·115 | 0·127 | 0·133 | 0·139 | 0·147 | 0·157 | 0·161 | 0·165 | 0·163 | 0·165 | 0·169 | 0·173 | 0·179 | 0·185 | 0·189 | 0·197 | 0·195 | 0·199 | 0·145 |
| 10 | 0·199 | 0·197 | 0·199 | 0·195 | 0·187 | 0·187 | 0·191 | 0·193 | 0·197 | 0·197 | 0·199 | 0·197 | 0·189 | 0·183 | 0·175 | 0·171 | 0·167 | 0·151 | 0·139 | 0·139 | 0·127 | 0·139 | 0·135 | 0·125 | 0·117 | 0·173 |
| 11 | 0·117 | 0·105 | 0·095 | 0·085 | 0·071 | 0·069 | 0·071 | 0·069 | 0·065 | 0·057 | 0·047 | 0·042 | 0·026 | 0·016 | 0·008 | 9·998 | 9·990 | 9·972 | 9·960 | 9·952 | 9·944 | 9·944 | 9·936 | 9·926 | 9·916 | 0·019 |
| 12 | 9·916 | 9·894 | 9·884 | 9·868 | 9·860 | 9·856 | 9·854 | 9·856 | 9·862 | 9·879 | 9·879 | 9·880 | 9·880 | 9·882 | 9·890 | 9·888 | 9·890 | 9·890 | 9·894 | 9·892 | 9·886 | 9·892 | 9·896 | 9·884 | 9·882 | 9·880 |
| 13 | 9·882 | 9·862 | 9·860 | 9·850 | 9·840 | 9·826 | 9·814 | 9·802 | 9·800 | 9·780 | 9·752 | 9·747 | 9·733 | 9·717 | 9·699 | 9·683 | 9·666 | 9·659 | 9·645 | 9·617 | 9·607 | 9·595 | 9·577 | 9·575 | 9·575 | 9·726 |
| 14 | 9·575 | 9·571 | 9·585 | 9·589 | 9·615 | 9·625 | 9·637 | 9·663 | 9·687 | 9·721 | 9·742 | 9·762 | 9·782 | 9·798 | 9·812 | 9·820 | 9·826 | 9·842 | 9·846 | 9·864 | 9·872 | 9·870 | 9·866 | 9·864 | 9·738 | |
| 15 | 9·864 | 9·864 | 9·846 | 9·832 | 9·816 | 9·810 | 9·802 | 9·796 | 9·778 | 9·762 | 9·750 | 9·732 | 9·722 | 9·706 | 9·688 | 9·668 | 9·644 | 9·628 | 9·610 | 9·596 | 9·584 | 9·588 | 9·578 | 9·566 | 9·550 | 9·711 |
| 16 | 9·550 | 9·536 | 9·528 | 9·516 | 9·516 | 9·518 | 9·516 | 9·524 | 9·534 | 9·540 | 9·558 | 9·559 | 9·563 | 9·569 | 9·569 | 9·569 | 9·573 | 9·575 | 9·579 | 9·583 | 9·591 | 9·599 | 9·595 | 9·599 | 9·597 | 9·558 |
| 17 | 9·597 | 9·587 | 9·591 | 9·591 | 9·589 | 9·589 | 9·591 | 9·597 | 9·603 | 9·609 | 9·613 | 9·618 | 9·628 | 9·632 | 9·638 | 9·642 | 9·642 | 9·640 | 9·648 | 9·656 | 9·668 | 9·682 | 9·698 | 9·704 | 9·712 | 9·630 |
| 18 | 9·712 | 9·714 | 9·714 | 9·714 | 9·720 | 9·724 | 9·740 | 9·746 | 9·754 | 9·760 | 9·766 | 9·775 | 9·771 | 9·771 | 9·765 | 9·767 | 9·769 | 9·769 | 9·773 | 9·777 | 9·781 | 9·785 | 9·789 | 9·783 | 9·769 | 9·757 |
| 19 | 9·769 | 9·755 | 9·753 | 9·735 | 9·733 | 9·729 | 9·733 | 9·719 | 9·719 | 9·709 | 9·705 | 9·703 | 9·701 | 9·695 | 9·681 | 9·677 | 9·673 | 9·673 | 9·673 | 9·673 | 9·675 | 9·683 | 9·683 | 9·681 | 9·673 | 9·703 |
| 20 | 9·673 | 9·675 | 9·699 | 9·699 | 9·703 | 9·715 | 9·731 | 9·739 | 9·747 | 9·753 | 9·771 | 9·787 | 9·801 | 9·811 | 9·813 | 9·823 | 9·833 | 9·849 | 9·865 | 9·883 | 9·895 | 9·907 | 9·927 | 9·931 | 9·943 | 9·799 |
| 21 | 9·943 | 9·955 | 9·957 | 9·967 | 9·977 | 9·983 | 9·993 | 0·001 | 0·013 | 0·013 | 0·019 | 0·020 | 0·020 | 0·016 | 0·012 | 0·006 | 9·994 | 9·986 | 9·988 | 9·992 | 0·002 | 0·012 | 0·014 | 0·010 | 0·010 | 0·997 |
| 22 | 0·010 | 0·002 | 0·000 | 9·986 | 9·982 | 9·984 | 9·988 | 9·990 | 0·000 | 9·996 | 0·000 | 9·989 | 9·987 | 9·985 | 9·983 | 9·977 | 9·977 | 9·985 | 9·991 | 9·997 | 0·001 | 0·005 | 0·011 | 0·115 | 0·017 | 9·994 |
| 23 | 0·017 | 0·009 | 9·999 | 9·993 | 9·991 | 9·999 | 0·007 | 0·013 | 0·021 | 0·025 | 0·033 | 0·031 | 0·037 | 0·037 | 0·045 | 0·047 | 0·045 | 0·047 | 0·057 | 0·065 | 0·075 | 0·095 | 0·107 | 0·107 | 0·107 | 0·039 |
| 24 | 0·107 | 0·107 | 0·107 | 0·105 | 0·107 | 0·111 | 0·121 | 0·127 | 0·143 | 0·143 | 0·147 | 0·148 | 0·152 | 0·148 | 0·144 | 0·136 | 0·130 | 0·128 | 0·124 | 0·124 | 0·132 | 0·134 | 0·138 | 0·138 | 0·134 | 0·130 |
| 25 | 0·134 | 0·128 | 0·128 | 0·126 | 0·124 | 0·130 | 0·138 | 0·140 | 0·148 | 0·150 | 0·156 | 0·146 | 0·144 | 0·132 | 0·130 | 0·118 | 0·108 | 0·104 | 0·104 | 0·100 | 0·100 | 0·110 | 0·116 | 0·114 | 0·114 | 0·126 |
| 26 | 0·114 | 0·110 | 0·108 | 0·106 | 0·108 | 0·110 | 0·118 | 0·120 | 0·134 | 0·132 | 0·142 | 0·143 | 0·147 | 0·149 | 0·143 | 0·133 | 0·127 | 0·117 | 0·119 | 0·113 | 0·115 | 0·127 | 0·139 | 0·143 | 0·145 | 0·127 |
| 27 | 0·145 | 0·139 | 0·133 | 0·131 | 0·129 | 0·135 | 0·143 | 0·155 | 0·155 | 0·149 | 0·147 | 0·144 

## FALMOUTH. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | 13 | 4 | — | 2 | 14 | 4 | 14 | 4 | — | 3 | 11 | 4 |
| 2 | — | 2 | — | 3 | — | 2 | 30 | 4 | 30 | 4 | — | 3 | 31 | 4 | — | 3 | 31 | 5 | 30 | 4 | — | 2 | 3 | 1 |
| 3 | 8 | 4 | 9 | 6 | 10 | 4 | 11 | 6 | 12 | 4 | 12 | 5 | 12 | 4 | — | 3 | 15 | 4 | 11 | 4 | — | 3 | — | 3 |
| 4 | 31 | 13 | 31 | 12 | 31 | 10 | 31 | 14 | 31 | 15 | 31 | 15 | 31 | 15 | 31 | 13 | 31 | 13 | 31 | 13 | 30 | 13 | 30 | 12 |
| 5 | 31 | 12 | 32 | 13 | 32 | 17 | 32 | 18 | 32 | 19 | 31 | 18 | 32 | 18 | 32 | 20 | 31 | 16 | 32 | 16 | 31 | 17 | 31 | 17 |
| 6 | 28 | 8 | 28 | 7 | 30 | 9 | 31 | 12 | 31 | 15 | 32 | 17 | 32 | 17 | 32 | 15 | 32 | 14 | 32 | 15 | 32 | 15 | 31 | 15 |
| 7 | 31 | 5 | 31 | 6 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 6 | 32 | 10 | 31 | 7 | 31 | 7 | 31 | 7 | 32 | 7 | 30 | 8 |
| 8 | 26 | 4 | 25 | 5 | 25 | 4 | 25 | 4 | 25 | 4 | 25 | 4 | 25 | 6 | 27 | 7 | 29 | 9 | 29 | 8 | 28 | 9 | 29 | 10 |
| 9 | 27 | 8 | 27 | 7 | 28 | 7 | 28 | 9 | 27 | 8 | 28 | 7 | 27 | 8 | 27 | 7 | 28 | 10 | 24 | 10 | 26 | 9 | 26 | 8 |
| 10 | 28 | 4 | 26 | 4 | 27 | 5 | 27 | 4 | 27 | 6 | 27 | 4 | 27 | 5 | 27 | 4 | 27 | 4 | 28 | 4 | — | 2 | — | 3 |
| 11 | 22 | 4 | 22 | 4 | — | 2 | 22 | 5 | 20 | 4 | 20 | 5 | — | 3 | 20 | 7 | 19 | 9 | 19 | 12 | 19 | 11 | 19 | 12 |
| 12 | 18 | 7 | 19 | 8 | 20 | 10 | 20 | 10 | 20 | 10 | 20 | 10 | 20 | 6 | 31 | 7 | 31 | 7 | 32 | 10 | 31 | 7 | 31 | 7 |
| 13 | 24 | 5 | 24 | 4 | 24 | 4 | — | 2 | — | 3 | 20 | 7 | 19 | 12 | 19 | 12 | 19 | 14 | 19 | 16 | 19 | 21 | 19 | 22 |
| 14 | 21 | 15 | 23 | 10 | 24 | 8 | 24 | 8 | 24 | 8 | 23 | 10 | 24 | 11 | 24 | 13 | 28 | 13 | 27 | 14 | 28 | 13 | 28 | 12 |
| 15 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 18 | 7 | 18 | 9 | 17 | 7 | 17 | 8 | 16 | 10 | 17 | 11 |
| 16 | 19 | 9 | 24 | 7 | 30 | 7 | 30 | 6 | — | 2 | — | 2 | — | 2 | 27 | 4 | 28 | 6 | 29 | 5 | 29 | 6 | 28 | 6 |
| 17 | 30 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 32 | 4 | 30 | 4 | 30 | 4 | 23 | 4 | 20 | 7 |
| 18 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 3 | 14 | 4 | 12 | 4 | 14 | 4 | 14 | 5 |
| 19 | 22 | 4 | — | 3 | 22 | 4 | 27 | 4 | — | 2 | — | 3 | 24 | 4 | 25 | 7 | 25 | 6 | 27 | 7 | 26 | 6 | 24 | 7 |
| 20 | 30 | 4 | — | 2 | — | 2 | — | 3 | 30 | 4 | 30 | 4 | 32 | 4 | 32 | 6 | 31 | 10 | 32 | 12 | 1 | 12 | 1 | 12 |
| 21 | 30 | 6 | 31 | 5 | — | 2 | — | 2 | — | 2 | 31 | 4 | 3 | 4 | 6 | 4 | 11 | 4 | 11 | 4 | 12 | 4 | 14 | 5 |
| 22 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | 30 | 4 | 13 | 4 | 13 | 4 |
| 23 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 16 | 4 | 14 | 5 | — | 3 |
| 24 | 31 | 6 | 31 | 8 | 31 | 8 | 31 | 8 | 31 | 9 | 32 | 12 | 31 | 14 | 31 | 14 | 31 | 15 | 32 | 14 | 32 | 13 | 31 | 12 |
| 25 | 32 | 7 | 32 | 6 | 32 | 5 | — | 3 | — | 2 | — | 2 | 2 | 4 | 5 | 4 | 7 | 6 | 6 | 7 | 6 | 4 | 13 | 4 |
| 26 | — | 2 | — | 2 | 14 | 4 | 14 | 4 | — | 3 | — | 3 | 7 | 4 | 6 | 6 | 7 | 7 | 6 | 7 | 11 | 7 | 11 | 7 |
| 27 | 5 | 8 | 5 | 7 | 5 | 8 | 5 | 7 | 5 | 5 | 5 | 9 | 6 | 9 | 6 | 5 | 10 | 8 | 9 | 10 | 8 | 7 | 7 | 9 |
| 28 | 9 | 8 | 9 | 10 | 9 | 10 | 8 | 10 | 9 | 11 | 9 | 11 | 9 | 13 | 9 | 13 | 9 | 11 | 8 | 10 | 9 | 9 | 8 | 10 |
| 29 | 6 | 4 | 6 | 4 | — | 3 | — | 3 | 7 | 6 | 8 | 6 | 10 | 8 | 8 | 9 | 10 | 7 | 8 | 8 | 10 | 10 | 10 | 10 |
| 30 | 5 | 4 | 4 | 4 | 4 | 4 | — | 3 | 8 | 6 | 5 | 7 | 9 | 7 | 9 | 8 | 12 | 8 | 4 | 5 | 3 | 8 | 3 | 8 |
| Mean ... | — | 6 | — | 5 | — | 5 | — | 5 | — | 6 | — | 6 | — | 7 | — | 7 | — | 8 | — | 8 | — | 8 | — | 9 |
| Mean, 1881–1905. | — | 7·1 | — | 7·0 | — | 7·0 | — | 6·7 | — | 6·7 | — | 7·2 | — | 8·1 | — | 8·9 | — | 9·6 | — | 10·2 | — | 10·9 | — | 10·8 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## FALMOUTH. TABLE IV.—Rainfall in Hundredths of English Inches. JUNE, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 12 | — | — | 01 | 01 | 02 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 02 | 05 |
| 14 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 16 | 03 | 06 | 02 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 |
| 17 | — | — | — | 01 | — | — | — | — | — | — | 04 | 11 | 01 | — | — | — | — | — | — | — | — | — | — | — | 17 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | 20 | 26 | 11 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 58 |
| Sum ... | 04 | 06 | 03 | 04 | 03 | 02 | 01 | — | 20 | 26 | 15 | 12 | 01 | — | — | — | — | — | — | — | — | — | 03 | 03 | 1·03 |
| Average 1871–1905. | ·089 | ·115 | ·146 | ·127 | ·122 | ·128 | ·115 | ·106 | ·091 | ·076 | ·077 | ·080 | ·096 | ·085 | ·101 | ·102 | ·089 | ·090 | ·074 | ·099 | ·095 | ·095 | ·118 | ·111 | 2·426 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. JUNE, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 12 | 5 | 13 | 7 | 13 | 7 | 13 | 5 | 14 | 5 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 1 |
| 13 | 4 | 13 | 5 | 14 | 4 | 12 | 4 | 12 | 4 | — | 3 | — | 2 | 6 | 4 | 6 | 6 | 5 | 5 | 6 | 4 | 10 | 4 | 4 | 2 |
| — | 2 | — | 3 | — | 3 | — | 2 | 11 | 4 | 30 | 5 | 31 | 9 | 31 | 9 | 32 | 10 | 31 | 10 | 32 | 12 | 31 | 11 | 5 | 3 |
| 30 | 12 | 30 | 15 | 30 | 15 | 31 | 20 | 31 | 21 | 32 | 20 | 32 | 15 | 31 | 12 | 30 | 9 | 30 | 8 | 31 | 7 | 31 | 10 | 13 | 4 |
| 31 | 17 | 31 | 15 | 30 | 15 | 31 | 15 | 31 | 15 | 31 | 11 | 29 | 11 | 30 | 10 | 29 | 7 | 29 | 7 | 29 | 6 | 28 | 7 | 14 | 5 |
| 31 | 16 | 32 | 17 | 32 | 15 | 32 | 16 | 32 | 18 | 32 | 15 | 31 | 13 | 31 | 10 | 31 | 6 | 31 | 5 | 31 | 5 | 31 | 5 | 13 | 6 |
| 29 | 6 | 30 | 7 | 27 | 7 | 28 | 7 | 27 | 8 | 27 | 6 | 30 | 7 | 31 | 4 | — | 3 | — | 3 | — | 3 | — | 2 | 6 | 7 |
| 28 | 11 | 28 | 11 | 30 | 10 | 30 | 10 | 29 | 10 | 28 | 8 | 27 | 7 | 26 | 6 | 25 | 7 | 26 | 7 | 25 | 7 | 25 | 9 | 7 | 8 |
| 27 | 8 | 26 | 7 | 26 | 8 | 26 | 9 | 26 | 8 | 25 | 7 | 24 | 7 | 25 | 4 | 27 | 6 | 27 | 5 | 27 | 4 | 29 | 4 | 7 | 9 |
| — | 3 | — | 3 | 24 | 6 | 28 | 4 | 24 | 4 | 21 | 7 | 21 | 10 | 22 | 5 | 22 | 4 | 22 | 4 | 22 | 5 | — | 3 | 4 | 10 |
| 19 | 12 | 19 | 12 | 20 | 12 | 20 | 11 | 19 | 9 | 19 | 9 | 19 | 8 | 18 | 7 | 18 | 7 | 18 | 7 | 18 | 4 | 18 | 7 | 8 | 11 |
| 31 | 7 | 28 | 8 | 29 | 7 | 30 | 7 | 29 | 6 | 28 | 7 | 28 | 5 | — | 3 | 28 | 4 | 28 | 4 | — | 3 | 26 | 4 | 7 | 12 |
| 19 | 23 | 19 | 23 | 19 | 20 | 20 | 21 | 19 | 18 | 19 | 18 | 19 | 16 | 19 | 15 | 19 | 15 | 19 | 21 | 20 | 18 | 20 | 15 | 14 | 13 |
| 28 | 12 | 28 | 11 | 28 | 9 | 28 | 8 | 27 | 8 | 29 | 6 | 28 | 6 | — | 3 | — | 3 | — | 2 | — | 1 | — | 3 | 9 | 14 |
| 18 | 11 | 18 | 15 | 19 | 15 | 18 | 17 | 19 | 15 | 19 | 12 | 18 | 14 | 18 | 12 | 18 | 11 | 18 | 10 | 19 | 11 | 19 | 9 | 9 | 15 |
| 27 | 6 | 28 | 6 | 29 | 7 | 28 | 7 | 28 | 7 | 29 | 6 | 30 | 5 | 30 | 4 | — | 2 | 30 | 4 | — | 2 | 30 | 4 | 5 | 16 |
| 22 | 7 | 32 | 4 | — | 3 | 27 | 5 | 25 | 5 | 21 | 8 | 21 | 6 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 4 | 17 |
| 16 | 4 | 18 | 7 | 20 | 7 | 20 | 8 | 20 | 7 | 20 | 7 | 21 | 5 | 21 | 4 | 21 | 4 | 22 | 4 | 22 | 4 | — | 3 | 4 | 18 |
| 27 | 7 | 26 | 8 | 26 | 8 | 24 | 8 | 21 | 10 | 21 | 10 | 21 | 7 | 21 | 7 | 21 | 6 | 21 | 4 | — | 3 | 28 | 5 | 6 | 19 |
| 32 | 12 | 31 | 12 | 30 | 12 | 31 | 12 | 31 | 14 | 32 | 13 | 31 | 12 | 31 | 8 | 31 | 7 | 30 | 9 | 30 | 6 | 30 | 6 | 8 | 20 |
| 13 | 6 | 14 | 4 | 14 | 4 | 14 | 6 | 14 | 6 | — | 3 | 1 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 | 4 | 21 |
| 13 | 4 | 16 | 4 | 20 | 10 | 21 | 11 | 21 | 10 | 22 | 9 | 22 | 7 | 22 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | 4 | 22 |
| 17 | 6 | 20 | 8 | 21 | 8 | 21 | 5 | 31 | 6 | 30 | 7 | 30 | 7 | 31 | 8 | 31 | 7 | 31 | 8 | 31 | 7 | 31 | 8 | 5 | 23 |
| 31 | 13 | 32 | 13 | 30 | 12 | 31 | 12 | 31 | 12 | 31 | 13 | 31 | 12 | 31 | 9 | 31 | 7 | 31 | 7 | 31 | 7 | 32 | 9 | 11 | 24 |
| 12 | 4 | — | 3 | 15 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | 3 | 25 |
| 8 | 8 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 8 | 4 | 6 | 4 | — | 3 | — | 2 | — | 3 | 7 | 4 | 7 | 4 | 5 | 26 |
| 8 | 8 | 10 | 7 | 9 | 8 | 10 | 8 | 5 | 6 | 9 | 7 | 7 | 5 | 5 | 5 | 5 | 5 | — | 3 | 9 | 6 | 7 | 5 | 7 | 27 |
| 9 | 9 | 8 | 9 | 9 | 10 | 10 | 7 | 11 | 6 | 10 | 4 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 4 | 8 | 28 |
| 10 | 10 | 10 | 9 | 9 | 8 | 10 | 6 | 8 | 7 | 8 | 9 | 10 | 7 | 7 | 4 | 5 | 6 | 6 | 4 | 10 | 4 | 8 | 4 | 7 | 29 |
| 4 | 6 | 8 | 5 | 9 | 5 | — | 2 | — | 3 | 4 | 4 | 2 | 7 | 32 | 6 | 32 | 4 | — | 3 | — | 3 | — | 2 | 5 | 30 |
| — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 8 | — | 8 | — | 6 | — | 5 | — | 5 | — | 5 | — | 5 | 7 | |
| — | 11·0 | — | 11·1 | — | 11·0 | — | 10·8 | — | 10·4 | — | 9·8 | — | 8·9 | — | 7·7 | — | 7·2 | — | 7·0 | — | 7·0 | — | 7·1 | 8·7 | Mean, 1881–1905. |

## FALMOUTH. TABLE V.—Duration of Bright Sunshine in Hours. JUNE, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | ·2 | ·9 | 1·0 | ·8 | 1·0 | ·2 | — | — | — | — | 4·1 | ▨ on land and sea ; clearing 12h.–15h. |
| 2 | — | — | — | — | — | ·1 | — | — | ·4 | ·9 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | 5·2 | ▨ early, morning overcast; P.M. brighter. |
| 3 | — | — | — | — | — | ·1 | ·6 | ·8 | ·7 | 1·0 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | 8·7 | A.M. cloudy ; P.M. bright. |
| 4 | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | 12·2 | Bright and breezy. |
| 5 | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | 14·7 | Very fine day. |
| 6 | — | ·6 | 1·0 | ·3 | ·1 | ·2 | — | — | — | ·1 | ·7 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | 8·0 | Bright to overcast, then bright again ; |
| 7 | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | ·5 | — | — | — | 11·7 | Fine day. [fresh wind. |
| 8 | — | — | — | — | ·1 | ·1 | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | ·3 | — | — | 6·7 | Overcast to bright ; dull evening. |
| 9 | — | — | — | — | ·2 | ·6 | — | — | ·1 | ·2 | — | ·7 | ·7 | — | — | — | — | 2·5 | Cloudy generally, with bright intervals. |
| 10 | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | ·1 | — | — | — | 0·2 | Overcast day. |
| 11 | — | — | — | — | — | ·1 | ·1 | ·2 | — | — | ·1 | — | — | — | — | — | — | 0·5 | Dull day. |
| 12 | — | — | — | — | — | ·3 | 1·0 | ·1 | — | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·5 | — | — | 6·5 | A.M. cloudy, ●° ; P.M. fine. |
| 13 | — | — | ·1 | — | — | — | ·1 | ·9 | — | ·3 | 1·0 | ·7 | ·5 | — | — | — | — | 3·6 | Cloudy and squally ; ● after 22h. |
| 14 | — | ·1 | ·5 | ·2 | ·5 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·9 | — | 12·0 | Dull early, then fine. |
| 15 | — | ·6 | ·6 | ·9 | ·6 | ·8 | — | ·4 | ·1 | — | — | ·1 | ·1 | — | ·3 | ·3 | — | 4·8 | Fine at first, then overcast to cloudy. |
| 16 | — | — | — | ·5 | ·1 | — | ·4 | ·8 | ·8 | ·6 | ·4 | ·9 | 1·0 | ·5 | — | — | — | 6·0 | ● till 4h., then fair. |
| 17 | — | ·2 | 1·0 | 1·0 | ·4 | ·1 | — | — | ·1 | ·1 | — | ·5 | ·9 | 1·0 | ·6 | ·9 | — | 6·8 | Bright to overcast, with ●² and ▲ ; fine |
| 18 | — | ·9 | 1·0 | 1·0 | 1·0 | ·7 | — | ·3 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | ·1 | 12·7 | Fine day. [evening. |
| 19 | ·3 | 1·0 | 1·0 | 1·0 | ·9 | ·4 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·2 | — | ·3 | — | — | 10·5 | Fine till 15h., then cloudy to overcast. |
| 20 | — | — | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | 11·9 | Fine. |
| 21 | — | ·2 | ·8 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | 13·8 | Very fine day. |
| 22 | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | ·3 | ·7 | ·3 | ·9 | 1·0 | 1·0 | 1·0 | ·3 | — | 12·2 | Fine. |
| 23 | — | — | — | — | — | — | — | — | — | ·4 | ·5 | — | — | ·9 | ·8 | ·1 | — | 2·7 | ▨ overcast, clearing a little in after- |
| 24 | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | 1·0 | 1·0 | ·8 | — | 14·4 | Very fine all day. [noon. |
| 25 | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 13·5 | Fine. |
| 26 | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | 14·9 | Bright, cloudless day. |
| 27 | — | 1·0 | ·2 | — | — | ·1 | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | 8·6 | Cloudy to bright. |
| 28 | — | — | — | — | — | — | — | — | — | — | ·5 | ·2 | ·1 | ·5 | ·4 | ·7 | — | 2·4 | Dull morning, clearing somewhat later. |
| 29 | — | ·5 | ·4 | — | — | — | — | ·6 | ·9 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | ·4 | — | — | 7·6 | Overcast till 11h., then fine and bright. |
| 30 | — | — | — | — | — | — | — | — | ·4 | ·3 | ·6 | ·1 | ·3 | ·5 | ·7 | — | — | 2·9 | ⟍ with ●² 9h.–12h., then fair. |
| | 0·3 | 9·5 | 12·6 | 12·4 | 12·8 | 13·5 | 13·0 | 15·9 | 17·1 | 20·6 | 21·5 | 22·5 | 21·3 | 19·4 | 17·3 | 12·3 | 0·3 | 242·3 | Total. |
| | 0·22 | 7·09 | 11·88 | 13·72 | 14·78 | 15·59 | 16·35 | 16·41 | 16·58 | 17·50 | 17·49 | 17·30 | 17·34 | 16·51 | 14·97 | 9·00 | 0·28 | 223·62 | Mean Total, 1881-1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JUNE, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 56·0 | 55·2 | 55·0 | 55·2 | 55·2 | 55·1 | 55·3 | 57·0 | 57·0 | 56·9 | 58·3 | 58·9 | 60·9 | 61·0 | 60·3 | 60·3 | 61·0 | 60·0 | 58·0 | 56·1 | 55·2 | 55·0 | 54·3 | 55·0 | 55·3 | 57·2 |
| 2 | 55·3 | 56·0 | 56·0 | 55·6 | 55·5 | 55·4 | 55·6 | 55·5 | 56·0 | 57·0 | 58·1 | 59·3 | 60·7 | 62·1 | 63·1 | 63·0 | 63·1 | 63·0 | 63·2 | 61·7 | 60·3 | 59·0 | 57·8 | 57·0 | 56·8 | 56·1 | 58·8 |
| 3 | 56·1 | 56·7 | 56·8 | 56·7 | 56·3 | 56·5 | 57·3 | 58·4 | 58·8 | 59·9 | 60·8 | 61·2 | 63·1 | 63·9 | 65·0 | 66·1 | 67·1 | 69·2 | 67·1 | 61·9 | 58·3 | 56·1 | 55·8 | 55·2 | 54·8 | 60·2 |
| 4 | 54·8 | 54·3 | 53·9 | 53·5 | 52·3 | 52·1 | 52·2 | 53·3 | 56·9 | 58·0 | 59·0 | 59·7 | 60·0 | 62·4 | 61·3 | 60·9 | 61·4 | 61·3 | 61·0 | 60·0 | 57·1 | 56·2 | 55·3 | 54·8 | 54·7 | 57·2 |
| 5 | 54·7 | 54·7 | 53·3 | 52·2 | 51·0 | 51·0 | 50·9 | 52·1 | 53·7 | 54·0 | 55·0 | 55·1 | 55·2 | 55·5 | 56·0 | 56·0 | 56·3 | 56·1 | 55·0 | 54·0 | 52·5 | 51·3 | 52·0 | 52·8 | 53·0 | 53·7 |
| 6 | 53·0 | 53·6 | 54·0 | 54·8 | 54·9 | 50·0 | 50·5 | 50·9 | 51·7 | 52·1 | 51·8 | 51·8 | 53·8 | 54·1 | 54·7 | 55·0 | 54·9 | 55·0 | 54·1 | 53·2 | 51·5 | 50·3 | 48·7 | 48·0 | 47·8 | 52·5 |
| 7 | 47·8 | 47·2 | 46·9 | 47·1 | 46·1 | 46·0 | 49·0 | 51·7 | 54·0 | 54·6 | 56·0 | 57·1 | 57·2 | 58·3 | 59·0 | 59·0 | 58·2 | 57·9 | 55·0 | 53·2 | 52·1 | 50·1 | 48·7 | 48·0 | 48·0 | 52·6 |
| 8 | 48·0 | 50·0 | 50·7 | 51·2 | 52·8 | 53·2 | 53·7 | 55·0 | 55·0 | 57·3 | 57·2 | 59·7 | 59·8 | 58·3 | 58·1 | 59·1 | 59·0 | 57·4 | 57·3 | 55·8 | 55·1 | 55·7 | 55·1 | 55·7 | 55·6 | 55·6 |
| 9 | 55·6 | 55·7 | 55·2 | 55·3 | 55·5 | 55·4 | 56·0 | 56·2 | 58·7 | 60·1 | 61·0 | 60·0 | 59·3 | 61·8 | 61·3 | 62·0 | 62·3 | 60·3 | 58·0 | 57·0 | 56·1 | 56·0 | 55·6 | 55·3 | 55·3 | 57·9 |
| 10 | 55·3 | 54·8 | 54·3 | 54·0 | 53·7 | 53·3 | 53·9 | 54·7 | 56·0 | 57·2 | 58·0 | 59·9 | 61·5 | 60·4 | 59·6 | 60·0 | 60·0 | 61·0 | 59·7 | 58·2 | 57·0 | 56·0 | 55·9 | 55·0 | 55·1 | 57·1 |
| 11 | 55·1 | 54·4 | 53·0 | 53·7 | 53·9 | 53·0 | 53·7 | 55·0 | 56·0 | 58·0 | 59·3 | 59·0 | 60·1 | 59·9 | 61·3 | 60·9 | 58·3 | 58·9 | 57·5 | 57·2 | 56·0 | 55·8 | 55·4 | 55·0 | 55·1 | 56·7 |
| 12 | 55·1 | 55·0 | 55·1 | 55·1 | 55·2 | 55·0 | 55·5 | 56·0 | 55·5 | 56·0 | 57·1 | 58·1 | 57·4 | 57·8 | 59·0 | 58·3 | 58·7 | 57·8 | 57·0 | 55·5 | 53·3 | 51·0 | 50·9 | 51·1 | 51·1 | 55·5 |
| 13 | 51·1 | 51·0 | 51·7 | 52·1 | 52·4 | 53·0 | 54·2 | 55·0 | 55·1 | 56·9 | 57·1 | 59·9 | 60·3 | 59·4 | 60·0 | 60·2 | 60·0 | 58·8 | 57·3 | 56·7 | 56·1 | 56·1 | 56·2 | 56·1 | 56·1 | 56·3 |
| 14 | 56·1 | 56·0 | 54·1 | 54·2 | 53·3 | 53·0 | 53·3 | 54·1 | 55·9 | 56·1 | 56·7 | 57·3 | 57·7 | 57·0 | 57·0 | 57·7 | 57·3 | 58·1 | 56·7 | 56·9 | 53·5 | 51·9 | 50·0 | 49·0 | 48·4 | 55·0 |
| 15 | 48·4 | 48·6 | 46·4 | 47·1 | 47·0 | 47·0 | 49·7 | 54·0 | 57·0 | 57·3 | 59·0 | 59·6 | 58·7 | 58·7 | 58·5 | 60·0 | 60·5 | 59·6 | 58·7 | 58·1 | 56·7 | 55·9 | 55·4 | 55·1 | 54·1 | 55·0 |
| 16 | 54·1 | 54·2 | 53·3 | 51·1 | 50·3 | 50·7 | 51·7 | 52·0 | 53·1 | 55·0 | 54·8 | 56·1 | 57·7 | 57·0 | 58·0 | 58·0 | 58·0 | 57·1 | 55·9 | 54·8 | 53·7 | 51·6 | 50·1 | 49·2 | 49·1 | 54·0 |
| 17 | 49·1 | 49·4 | 49·4 | 49·7 | 49·2 | 49·0 | 49·8 | 54·0 | 57·0 | 55·1 | 57·0 | 57·0 | 52·0 | 54·3 | 55·7 | 58·1 | 57·7 | 59·6 | 59·0 | 55·5 | 53·4 | 50·7 | 48·3 | 48·0 | 48·0 | 53·3 |
| 18 | 48·7 | 47·1 | 47·9 | 46·3 | 46·1 | 46·8 | 48·4 | 52·7 | 56·3 | 58·4 | 57·3 | 56·9 | 60·0 | 60·9 | 61·3 | 61·9 | 61·6 | 61·3 | 60·4 | 58·1 | 54·9 | 51·4 | 50·3 | 49·0 | 49·3 | 54·4 |
| 19 | 49·3 | 48·0 | 48·0 | 48·9 | 48·2 | 48·4 | 51·8 | 54·1 | 55·3 | 56·5 | 57·2 | 58·9 | 59·0 | 59·0 | 60·2 | 61·0 | 59·6 | 58·6 | 57·0 | 57·0 | 55·1 | 54·8 | 54·7 | 54·8 | 54·3 | 54·9 |
| 20 | 54·3 | 53·7 | 54·9 | 54·2 | 54·0 | 54·1 | 54·9 | 56·2 | 57·8 | 60·0 | 60·2 | 62·3 | 63·2 | 62·0 | 62·4 | 62·0 | 62·0 | 61·5 | 60·0 | 58·6 | 56·3 | 54·2 | 53·9 | 53·9 | 53·4 | 57·7 |
| 21 | 53·4 | 53·7 | 53·0 | 53·7 | 53·8 | 53·8 | 54·2 | 54·7 | 57·0 | 58·2 | 59·1 | 59·2 | 59·0 | 59·0 | 59·0 | 59·1 | 59·6 | 60·4 | 61·0 | 61·2 | 57·0 | 54·3 | 52·5 | 51·1 | 50·7 | 56·5 |
| 22 | 50·7 | 50·2 | 50·2 | 49·2 | 49·7 | 49·0 | 51·1 | 54·8 | 58·0 | 61·0 | 62·8 | 62·2 | 64·0 | 64·3 | 64·7 | 65·6 | 66·0 | 64·7 | 63·0 | 60·4 | 57·0 | 55·8 | 55·2 | 54·3 | 53·0 | 57·7 |
| 23 | 53·0 | 52·7 | 52·1 | 54·2 | 54·1 | 55·0 | 56·0 | 57·0 | 58·0 | 58·9 | 60·0 | 61·7 | 62·6 | 65·2 | 65·3 | 64·8 | 64·9 | 65·3 | 64·3 | 62·3 | 60·0 | 58·4 | 57·3 | 57·0 | 57·1 | 59·3 |
| 24 | 57·1 | 57·0 | 55·3 | 54·7 | 54·4 | 54·8 | 56·1 | 57·2 | 59·0 | 60·0 | 60·9 | 61·1 | 61·3 | 61·1 | 60·6 | 61·1 | 61·3 | 61·3 | 59·6 | 58·6 | 57·0 | 55·2 | 54·8 | 54·9 | 55·2 | 58·1 |
| 25 | 55·2 | 56·0 | 56·1 | 56·4 | 57·4 | 57·3 | 57·9 | 60·0 | 62·0 | 63·3 | 64·0 | 65·0 | 65·2 | 64·8 | 65·2 | 65·1 | 65·0 | 65·9 | 64·7 | 63·3 | 60·3 | 59·0 | 57·0 | 56·3 | 56·3 | 61·0 |
| 26 | 56·3 | 55·8 | 55·3 | 54·1 | 54·0 | 54·1 | 56·0 | 59·8 | 63·0 | 64·1 | 64·3 | 65·0 | 64·7 | 64·0 | 64·1 | 65·0 | 66·0 | 66·1 | 67·3 | 67·1 | 66·2 | 64·0 | 63·5 | 62·8 | 61·3 | 61·9 |
| 27 | 61·3 | 61·4 | 61·2 | 60·8 | 60·2 | 60·0 | 61·0 | 60·9 | 60·0 | 61·2 | 63·2 | 64·4 | 63·0 | 64·0 | 63·9 | 63·0 | 63·4 | 63·7 | 63·4 | 63·0 | 61·0 | 60·8 | 59·8 | 59·7 | 59·1 | 61·8 |
| 28 | 59·1 | 58·9 | 58·1 | 58·0 | 58·0 | 58·0 | 58·0 | 58·0 | 58·0 | 57·9 | 58·8 | 58·8 | 59·0 | 60·0 | 60·0 | 60·0 | 60·3 | 62·0 | 62·3 | 62·1 | 61·0 | 59·0 | 58·0 | 57·6 | 57·7 | 58·2 |
| 29 | 58·2 | 58·9 | 59·0 | 58·9 | 57·8 | 58·6 | 59·5 | 59·4 | 58·8 | 59·0 | 60·2 | 62·0 | 62·6 | 63·1 | 63·0 | 63·9 | 64·0 | 65·0 | 64·1 | 62·9 | 62·0 | 61·0 | 60·3 | 59·8 | 59·6 | 60·9 |
| 30 | 59·6 | 59·9 | 59·2 | 60·1 | 60·0 | 60·0 | 60·1 | 59·7 | 60·1 | 59·3 | 58·3 | 56·3 | 56·8 | 58·7 | 61·6 | 61·1 | 62·1 | 62·9 | 62·8 | 62·7 | 62·8 | 60·0 | 59·1 | 59·0 | 58·3 | 58·4 | 60·0 |
| Mean ... | 54·1 | 54·0 | 53·6 | 53·6 | 53·4 | 53·4 | 54·2 | 55·7 | 57·0 | 58·0 | 58·7 | 59·5 | 60·0 | 60·4 | 60·7 | 61·1 | 61·1 | 61·0 | 59·9 | 58·7 | 56·7 | 55·5 | 54·7 | 54·3 | 54·1 | 57·0 |
| Mean, 1871–1905. | 54·2 | 54·1 | 53·8 | 53·6 | 53·4 | 53·6 | 54·6 | 56·4 | 57·7 | 59·1 | 59·7 | 60·4 | 60·6 | 61·0 | 61·0 | 61·0 | 60·5 | 60·2 | 59·3 | 58·3 | 56·8 | 55·7 | 55·0 | 54·7 | 54·4 | 57·2 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JUNE, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 93 | 98 | 98 | 98 | 98 | 98 | 93 | 93 | 94 | 91 | 88 | 85 | 88 | 87 | 86 | 83 | 84 | 88 | 93 | 94 | 94 | 98 | 95 | 97 | 97 | 92·4 |
| 2 | 97 | 93 | 93 | 94 | 96 | 96 | 96 | 93 | 91 | 88 | 84 | 82 | 75 | 81 | 80 | 81 | 80 | 82 | 82 | 86 | 90 | 88 | 89 | 93 | 93 | 87·8 |
| 3 | 93 | 91 | 90 | 90 | 92 | 92 | 91 | 90 | 88 | 84 | 82 | 82 | 79 | 78 | 80 | 74 | 73 | 67 | 72 | 77 | 86 | 92 | 94 | 95 | 95 | 84·8 |
| 4 | 95 | 97 | 94 | 93 | 97 | 98 | 98 | 97 | 87 | 83 | 86 | 84 | 84 | 78 | 75 | 81 | 79 | 78 | 77 | 77 | 85 | 86 | 87 | 88 | 87 | 86·6 |
| 5 | 87 | 78 | 86 | 79 | 80 | 74 | 69 | 72 | 67 | 69 | 66 | 69 | 68 | 67 | 66 | 66 | 62 | 65 | 72 | 78 | 86 | 86 | 86 | 86 | 86 | 73·3 |
| 6 | 86 | 85 | 93 | 94 | 89 | 80 | 75 | 69 | 67 | 68 | 72 | 75 | 66 | 69 | 67 | 70 | 66 | 70 | 69 | 72 | 76 | 79 | 82 | 85 | 84 | 76·0 |
| 7 | 84 | 85 | 86 | 87 | 89 | 88 | 85 | 78 | 71 | 69 | 65 | 59 | 57 | 56 | 56 | 60 | 61 | 66 | 72 | 79 | 78 | 80 | 82 | 86 | 87 | 74·2 |
| 8 | 87 | 85 | 88 | 91 | 88 | 92 | 94 | 93 | 93 | 89 | 87 | 73 | 68 | 69 | 66 | 61 | 60 | 67 | 69 | 76 | 81 | 83 | 86 | 85 | 89 | 80·5 |
| 9 | 89 | 89 | 88 | 91 | 91 | 90 | 88 | 92 | 83 | 78 | 77 | 80 | 81 | 74 | 75 | 76 | 74 | 80 | 83 | 87 | 88 | 91 | 93 | 92 | 90 | 84·6 |
| 10 | 90 | 89 | 90 | 93 | 93 | 92 | 91 | 90 | 87 | 86 | 81 | 81 | 79 | 82 | 85 | 78 | 70 | 69 | 69 | 75 | 82 | 83 | 86 | 78 | 82 | 83·2 |
| 11 | 82 | 84 | 88 | 88 | 87 | 94 | 90 | 88 | 81 | 76 | 70 | 76 | 72 | 70 | 70 | 72 | 76 | 77 | 80 | 82 | 86 | 87 | 90 | 91 | 91 | 81·8 |
| 12 | 91 | 92 | 92 | 93 | 93 | 95 | 97 | 95 | 93 | 87 | 77 | 75 | 72 | 72 | 64 | 64 | 63 | 62 | 61 | 69 | 75 | 82 | 83 | 84 | 85 | 80·3 |
| 13 | 85 | 85 | 82 | 83 | 85 | 84 | 84 | 80 | 82 | 80 | 78 | 73 | 73 | 76 | 73 | 76 | 74 | 78 | 85 | 90 | 92 | 94 | 96 | 97 | 96 | 83·0 |
| 14 | 96 | 97 | 94 | 90 | 82 | 79 | 79 | 83 | 84 | 70 | 71 | 64 | 66 | 65 | 62 | 67 | 69 | 66 | 67 | 65 | 78 | 82 | 86 | 93 | 91 | 77·2 |
| 15 | 91 | 94 | 96 | 96 | 95 | 97 | 91 | 84 | 75 | 76 | 71 | 73 | 75 | 76 | 76 | 70 | 70 | 69 | 72 | 76 | 83 | 88 | 89 | 87 | 94 | 82·1 |
| 16 | 94 | 98 | 98 | 96 | 93 | 94 | 91 | 93 | 84 | 75 | 71 | 67 | 59 | 61 | 61 | 63 | 62 | 65 | 67 | 71 | 75 | 81 | 81 | 84 | 85 | 78·3 |
| 17 | 85 | 85 | 85 | 83 | 86 | 88 | 87 | 74 | 65 | 68 | 61 | 66 | 67 | 78 | 72 | 72 | 62 | 64 | 62 | 73 | 78 | 85 | 92 | 93 | 89 | 77·3 |
| 18 | 89 | 93 | 88 | 95 | 92 | 92 | 90 | 82 | 73 | 72 | 76 | 82 | 73 | 66 | 67 | 58 | 60 | 58 | 63 | 68 | 75 | 84 | 81 | 86 | 85 | 77·5 |
| 19 | 85 | 91 | 89 | 89 | 86 | 85 | 80 | 74 | 71 | 68 | 66 | 60 | 60 | 57 | 60 | 58 | 69 | 73 | 77 | 81 | 87 | 90 | 95 | 94 | 92 | 77·0 |
| 20 | 92 | 91 | 93 | 93 | 94 | 92 | 91 | 87 | 78 | 71 | 68 | 56 | 53 | 57 | 57 | 60 | 60 | 61 | 67 | 73 | 73 | 80 | 83 | 87 | 86 | 75·6 |
| 21 | 86 | 88 | 90 | 88 | 87 | 80 | 79 | 68 | 65 | 67 | 69 | 70 | 69 | 71 | 72 | 71 | 72 | 74 | 73 | 67 | 75 | 84 | 89 | 92 | 91 | 77·0 |
| 22 | 91 | 93 | 93 | 95 | 89 | 93 | 89 | 85 | 78 | 72 | 70 | 72 | 63 | 65 | 68 | 66 | 64 | 60 | 66 | 74 | 81 | 83 | 87 | 90 | 93 | 78·6 |
| 23 | 93 | 94 | 94 | 94 | 96 | 94 | 93 | 94 | 93 | 95 | 92 | 86 | 85 | 83 | 78 | 80 | 80 | 78 | 80 | 84 | 89 | 93 | 96 | 94 | 90 | 89·0 |
| 24 | 90 | 91 | 91 | 82 | 84 | 82 | 76 | 74 | 68 | 66 | 62 | 63 | 63 | 64 | 68 | 66 | 68 | 66 | 71 | 74 | 77 | 86 | 87 | 87 | 87 | 75·2 |
| 25 | 87 | 87 | 86 | 86 | 86 | 87 | 87 | 77 | 72 | 63 | 57 | 57 | 59 | 64 | 67 | 68 | 68 | 66 | 69 | 75 | 82 | 83 | 91 | 91 | 89 | 75·6 |
| 26 | 89 | 88 | 91 | 92 | 87 | 87 | 83 | 72 | 63 | 63 | 63 | 57 | 61 | 59 | 56 | 55 | 48 | 46 | 48 | 52 | 54 | 63 | 66 | 69 | 76 | 66·9 |
| 27 | 76 | 75 | 77 | 80 | 86 | 87 | 85 | 87 | 89 | 87 | 79 | 77 | 77 | 75 | 76 | 76 | 75 | 74 | 77 | 78 | 83 | 83 | 89 | 88 | 88 | 80·9 |
| 28 | 88 | 88 | 89 | 89 | 94 | 94 | 94 | 94 | 89 | 94 | 85 | 86 | 82 | 83 | 81 | 79 | 78 | 81 | 83 | 82 | 87 | 87 | 88 | 88 | 86 | 86·8 |
| 29 | 86 | 85 | 84 | 86 | 89 | 86 | 87 | 90 | 89 | 90 | 86 | 82 | 79 | 77 | 75 | 73 | 77 | 73 | 72 | 72 | 74 | 77 | 79 | 83 | 81 | 81·2 |
| 30 | 81 | 81 | 84 | 81 | 83 | 77 | 74 | 76 | 80 | 83 | 92 | 94 | 93 | 85 | 90 | 86 | 84 | 82 | 78 | 78 | 82 | 88 | 93 | 95 | 93 | 84·4 |
| Mean ... | 88·6 | 89·0 | 89·7 | 89·6 | 89·6 | 88·0 | 87·1 | 84·1 | 80·0 | 77·7 | 75·2 | 73·6 | 72·1 | 71·5 | 71·0 | 70·4 | 69·6 | 69·9 | 72·1 | 75·9 | 80·8 | 84·7 | 87·5 | 88·5 | 88·6 | 80·3 |
| Mean, 1886–1905. | 88·5 | 88·9 | 89·2 | 89·7 | 89·7 | 89·7 | 89·7 | 87·6 | 83·6 | 79·3 | 76·1 | 74·5 | 73·7 | 73·3 | 72·7 | 72·5 | 72·5 | 73·0 | 74·0 | 75·5 | 78·5 | 82·7 | 85·8 | 87·3 | 88·0 | 81·1 |

[*Price Sixpence.*]

# KEW OBSERVATORY. JUNE, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

KEW. DAILY EXTREMES OF PRESSURE AND TEMPERATURE. JUNE, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·944 | 9·866 | 76·9 | 60·0 | 9 | 0·262 | 0·170 | 69·1 | 48·6 | 17 | 9·852 | 9·664 | 61·5 | 52·8 | 25 | 0·326 | 0·249 | 70·1 | 51·0 |
| 2 | 0·005 | 9·845 | 71·7 | 56·4 | 10 | 0·288 | 0·213 | 74·6 | 55·3 | 18 | 9·944 | 9·850 | 68·1 | 46·9 | 26 | 0·358 | 0·287 | 76·2 | 46·4 |
| 3 | 0·036 | 0·001 | 77·1 | 54·0 | 11 | 0·233 | 0·059 | 70·9 | 54·1 | 19 | 9·901 | 9·739 | 70·0 | 47·6 | 27 | **0·376** | 0·302 | 68·0 | 52·9 |
| 4 | 0·055 | 9·909 | **79·3** | 57·9 | 12 | 0·065 | 9·931 | 65·0 | 53·9 | 20 | 0·101 | 9·797 | 63·4 | 48·4 | 28 | 0·322 | 0·200 | 74·3 | 55·7 |
| 5 | 0·014 | 9·897 | 65·1 | 53·6 | 13 | 9·952 | 9·678 | 62·9 | 50·8 | 21 | 0·164 | 0·101 | 62·7 | 50·3 | 29 | 0·234 | 0·140 | 75·6 | 55·7 |
| 6 | 0·121 | 9·849 | 56·9 | 45·0 | 14 | 9·984 | **9·618** | 66·0 | 50·9 | 22 | 0·158 | 0·088 | 68·3 | 45·1 | 30 | 0·247 | 0·154 | 76·9 | 53·0 |
| 7 | 0·188 | 0·081 | 64·1 | **41·1** | 15 | 9·987 | 9·768 | 67·3 | 45·9 | 23 | 0·205 | 0·112 | 71·8 | 45·7 | | | | | |
| 8 | 0·173 | 0·044 | 66·9 | 50·2 | 16 | 9·768 | 9·683 | 65·5 | 53·6 | 24 | 0·322 | 0·203 | 71·6 | 51·3 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 69·3 | 51·1 |

## TABLE II.

KEW. PRESSURE IN ENGLISH INCHES, First figure omitted. JUNE, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·908 | 9·911 | 9·897 | 9·894 | 9·881 | 9·877 | 9·891 | 9·886 | 9·881 | 9·879 | 9·878 | 9·876 | 9·867 | 9·868 | 9·870 | 9·872 | 9·867 | 9·867 | 9·870 | 9·880 | 9·881 | 9·892 | 9·924 | 9·900 | 9·899 | 9·884 |
| 2 | 9·899 | 9·900 | 9·890 | 9·850 | 9·858 | 9·864 | 9·876 | 9·883 | 9·900 | 9·914 | 9·925 | 9·942 | 9·940 | 9·948 | 9·950 | 9·954 | 9·951 | 9·951 | 9·955 | 9·967 | 9·978 | 9·994 | 9·995 | 9·999 | 9·005 | 9·931 |
| 3 | 0·005 | 0·005 | 0·005 | 0·003 | 0·009 | 0·017 | 0·026 | 0·029 | 0·028 | 0·027 | 0·022 | 0·027 | 0·027 | 0·025 | 0·018 | 0·018 | 0·009 | 0·001 | 0·005 | 0·018 | 0·022 | 0·025 | 0·027 | 0·034 | 0·027 | 0·018 |
| 4 | 0·027 | 0·019 | 0·049 | 0·017 | 0·017 | 0·027 | 0·021 | 0·014 | 0·025 | 0·015 | 0·011 | 0·000 | 9·978 | 9·973 | 9·961 | 9·937 | 9·932 | 9·923 | 9·916 | 9·967 | 9·985 | 9·997 | 9·997 | 9·986 | 9·987 | 9·991 |
| 5 | 9·987 | 9·987 | 9·987 | 9·985 | 9·985 | 9·992 | 9·993 | 0·000 | 0·007 | 0·003 | 0·011 | 0·010 | 0·004 | 9·994 | 9·987 | 9·972 | 9·949 | 9·928 | 9·922 | 9·916 | 9·922 | 9·924 | 9·933 | 9·924 | 9·897 | 9·970 |
| 6 | 9·897 | 9·874 | 9·858 | 9·849 | 9·863 | 9·876 | 9·896 | 9·906 | 9·915 | 9·924 | 9·941 | 9·963 | 9·971 | 9·981 | 9·989 | 0·003 | 0·015 | 0·033 | 0·047 | 0·060 | 0·080 | 0·101 | 0·108 | 0·105 | 0·121 | 9·974 |
| 7 | 0·121 | 0·124 | 0·129 | 0·135 | 0·139 | 0·151 | 0·164 | 0·173 | 0·179 | 0·184 | 0·186 | 0·181 | 0·167 | 0·153 | 0·131 | 0·119 | 0·108 | 0·089 | 0·081 | 0·085 | 0·085 | 0·088 | 0·088 | 0·094 | 0·092 | 0·131 |
| 8 | 0·092 | 0·087 | 0·089 | 0·089 | 0·087 | 0·089 | 0·085 | 0·087 | 0·091 | 0·085 | 0·076 | 0·082 | 0·083 | 0·063 | 0·058 | 0·047 | 0·044 | 0·048 | 0·064 | 0·084 | 0·108 | 0·138 | 0·158 | 0·162 | 0·173 | 0·089 |
| 9 | 0·173 | 0·172 | 0·174 | 0·175 | 0·179 | 0·184 | 0·200 | 0·202 | 0·202 | 0·208 | 0·214 | 0·208 | 0·209 | 0·209 | 0·214 | 0·212 | 0·204 | 0·208 | 0·215 | 0·218 | 0·221 | 0·236 | 0·248 | 0·258 | 0·262 | 0·208 |
| 10 | 0·262 | 0·260 | 0·258 | 0·260 | 0·262 | 0·268 | 0·272 | 0·276 | 0·280 | 0·280 | 0·280 | 0·285 | 0·277 | 0·269 | 0·252 | 0·243 | 0·234 | 0·221 | 0·215 | 0·216 | 0·217 | 0·231 | 0·233 | 0·232 | 0·233 | 0·253 |
| 11 | 0·233 | 0·229 | 0·225 | 0·227 | 0·223 | 0·222 | 0·225 | 0·221 | 0·217 | 0·207 | 0·201 | 0·183 | 0·163 | 0·143 | 0·124 | 0·111 | 0·098 | 0·084 | 0·083 | 0·083 | 0·079 | 0·082 | 0·079 | 0·071 | 0·061 | 0·155 |
| 12 | 0·061 | 0·063 | 0·051 | 0·049 | 0·031 | 0·041 | 0·027 | 0·021 | 0·013 | 0·005 | 9·995 | 9·981 | 9·961 | 9·951 | 9·947 | 9·936 | 9·937 | 9·933 | 9·939 | 9·940 | 9·941 | 9·951 | 9·950 | 9·951 | 9·949 | 9·984 |
| 13 | 9·949 | 9·942 | 9·935 | 9·937 | 9·931 | 9·937 | 9·933 | 9·929 | 9·931 | 9·913 | 9·900 | 9·878 | 9·858 | 9·845 | 9·832 | 9·816 | 9·796 | 9·782 | 9·766 | 9·756 | 9·742 | 9·724 | 9·699 | 9·678 | 9·680 | 9·845 |
| 14 | 9·680 | 9·646 | 9·637 | 9·632 | 9·626 | 9·630 | 9·652 | 9·675 | 9·689 | 9·705 | 9·734 | 9·755 | 9·765 | 9·779 | 9·796 | 9·809 | 9·833 | 9·851 | 9·871 | 9·893 | 9·921 | 9·950 | 9·969 | 9·984 | 9·982 | 9·776 |
| 15 | 9·982 | 9·985 | 9·981 | 9·981 | 9·979 | 9·975 | 9·969 | 9·971 | 9·955 | 9·953 | 9·932 | 9·918 | 9·893 | 9·876 | 9·859 | 9·846 | 9·826 | 9·803 | 9·798 | 9·791 | 9·779 | 9·778 | 9·783 | 9·783 | 9·768 | 9·887 |
| 16 | 9·768 | 9·743 | 9·730 | 9·722 | 9·708 | 9·711 | 9·699 | 9·702 | 9·697 | 9·696 | 9·695 | 9·686 | 9·700 | 9·696 | 9·692 | 9·683 | 9·687 | 9·684 | 9·687 | 9·696 | 9·697 | 9·702 | 9·704 | 9·695 | 9·688 | 9·702 |
| 17 | 9·688 | 9·679 | 9·676 | 9·678 | 9·670 | 9·666 | 9·667 | 9·668 | 9·678 | 9·686 | 9·699 | 9·708 | 9·720 | 9·719 | 9·727 | 9·731 | 9·733 | 9·737 | 9·747 | 9·761 | 9·781 | 9·804 | 9·824 | 9·835 | 9·852 | 9·724 |
| 18 | 9·852 | 9·857 | 9·865 | 9·866 | 9·885 | 9·895 | 9·913 | 9·927 | 9·934 | 9·939 | 9·939 | 9·940 | 9·937 | 9·932 | 9·923 | 9·922 | 9·914 | 9·905 | 9·904 | 9·910 | 9·904 | 9·912 | 9·917 | 9·910 | 9·901 | 9·909 |
| 19 | 9·901 | 9·884 | 9·876 | 9·862 | 9·858 | 9·852 | 9·832 | 9·828 | 9·816 | 9·810 | 9·788 | 9·792 | 9·771 | 9·760 | 9·750 | 9·748 | 9·742 | 9·742 | 9·748 | 9·750 | 9·752 | 9·765 | 9·791 | 9·792 | 9·808 | 9·799 |
| 20 | 9·808 | 9·799 | 9·822 | 9·832 | 9·833 | 9·836 | 9·838 | 9·845 | 9·850 | 9·866 | 9·886 | 9·901 | 9·914 | 9·917 | 9·921 | 9·934 | 9·947 | 9·971 | 0·002 | 0·019 | 0·043 | 0·063 | 0·080 | 0·081 | 0·101 | 9·923 |
| 21 | 0·101 | 0·107 | 0·113 | 0·107 | 0·117 | 0·129 | 0·134 | 0·154 | 0·155 | 0·164 | 0·158 | 0·151 | 0·144 | 0·139 | 0·134 | 0·128 | 0·126 | 0·126 | 0·134 | 0·146 | 0·155 | 0·157 | 0·154 | 0·154 | 0·137 | |
| 22 | 0·154 | 0·154 | 0·152 | 0·150 | 0·141 | 0·148 | 0·148 | 0·151 | 0·156 | 0·154 | 0·146 | 0·147 | 0·132 | 0·121 | 0·107 | 0·104 | 0·090 | 0·091 | 0·090 | 0·101 | 0·109 | 0·121 | 0·127 | 0·125 | 0·135 | 0·130 |
| 23 | 0·135 | 0·129 | 0·119 | 0·117 | 0·120 | 0·129 | 0·131 | 0·140 | 0·140 | 0·142 | 0·135 | 0·127 | 0·121 | 0·118 | 0·112 | 0·116 | 0·122 | 0·123 | 0·124 | 0·135 | 0·150 | 0·169 | 0·183 | 0·190 | 0·203 | 0·136 |
| 24 | 0·203 | 0·206 | 0·210 | 0·214 | 0·223 | 0·236 | 0·242 | 0·250 | 0·255 | 0·254 | 0·251 | 0·254 | 0·249 | 0·243 | 0·242 | 0·242 | 0·235 | 0·234 | 0·250 | 0·264 | 0·288 | 0·302 | 0·313 | 0·319 | 0·320 | 0·252 |
| 25 | 0·320 | 0·318 | 0·316 | 0·312 | 0·314 | 0·319 | 0·322 | 0·318 | 0·322 | 0·322 | 0·322 | 0·314 | 0·301 | 0·280 | 0·274 | 0·263 | 0·252 | 0·254 | 0·259 | 0·265 | 0·278 | 0·297 | 0·294 | 0·295 | 0·298 | 0·297 |
| 26 | 0·298 | 0·301 | 0·298 | 0·299 | 0·297 | 0·303 | 0·314 | 0·321 | 0·324 | 0·319 | 0·317 | 0·317 | 0·305 | 0·300 | 0·300 | 0·292 | 0·291 | 0·287 | 0·292 | 0·290 | 0·300 | 0·315 | 0·331 | 0·342 | 0·358 | 0·308 |
| 27 | 0·358 | 0·360 | 0·357 | 0·354 | 0·362 | 0·362 | 0·370 | 0·374 | 0

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 1 | 6 | 4 | — | 3 | 6 | 6 | 6 | 4 | — | 2 | 6 | 4 | 7 | 7 | 9 | 6 | 17 | 8 | 17 | 10 | 17 | 10 |
| 2 | — | 2 | 8 | 4 | 32 | 4 | — | 2 | — | 2 | 18 | 5 | 17 | 8 | 17 | 10 | 17 | 10 | 16 | 10 | 17 | 10 | 18 | 11 |
| 3 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 8 | 7 | 8 | 7 | 8 | 10 | 8 | 12 | 9 | 14 |
| 4 | — | 3 | 6 | 4 | 32 | 6 | — | 3 | — | 2 | — | 2 | 31 | 4 | — | 3 | 31 | 4 | 31 | 4 | — | 3 | 31 | 4 |
| 5 | 31 | 8 | 31 | 7 | 32 | 7 | 32 | 5 | 32 | 9 | 32 | 7 | 32 | 11 | 32 | 10 | 32 | 10 | 32 | 8 | 32 | 10 | 32 | 8 |
| 6 | 25 | 4 | 25 | 6 | 25 | 7 | 30 | 12 | 31 | 11 | 31 | 11 | 31 | 11 | 31 | 12 | 31 | 12 | 31 | 11 | 31 | 12 | 31 | 14 |
| 7 | 29 | 4 | 29 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | — | 3 | 29 | 4 | — | 3 | 29 | 4 | — | 2 | 29 | 4 |
| 8 | 24 | 4 | 24 | 4 | 24 | 4 | — | 3 | 24 | 4 | 22 | 7 | 25 | 4 | 22 | 6 | 21 | 8 | 22 | 7 | 24 | 8 | 23 | 6 |
| 9 | — | 2 | 25 | 4 | — | 3 | — | 3 | — | 3 | 25 | 4 | 25 | 4 | — | 2 | — | 3 | 20 | 5 | 24 | 4 | 25 | 6 |
| 10 | 26 | 4 | — | 2 | 24 | 4 | — | 3 | 24 | 4 | — | 2 | 24 | 5 | 26 | 7 | 27 | 6 | 30 | 7 | 28 | 4 | 24 | 4 |
| 11 | 24 | 4 | — | 2 | 24 | 4 | 24 | 4 | — | 3 | 24 | 4 | — | 3 | 20 | 7 | 21 | 7 | 18 | 12 | 18 | 13 | 18 | 13 |
| 12 | 19 | 8 | 19 | 8 | 19 | 7 | 19 | 4 | 20 | 7 | 21 | 6 | 20 | 6 | 20 | 6 | 20 | 7 | 18 | 10 | 20 | 10 | 23 | 10 |
| 13 | 22 | 4 | 22 | 4 | — | 3 | 22 | 4 | — | 3 | 22 | 6 | 24 | 6 | 22 | 6 | 21 | 10 | 22 | 12 | 20 | 12 | 20 | 15 |
| 14 | 19 | 18 | 20 | 18 | 20 | 18 | 21 | 15 | 20 | 14 | 24 | 15 | 25 | 14 | 22 | 12 | 22 | 14 | 24 | 12 | 24 | 12 | 22 | 12 |
| 15 | — | 1 | — | 1 | — | 0 | — | 1 | — | 1 | — | 2 | — | 2 | 17 | 7 | 17 | 7 | 19 | 9 | 17 | 12 | 18 | 12 |
| 16 | 20 | 4 | 17 | 6 | 17 | 5 | 17 | 4 | 17 | 5 | 17 | 8 | 18 | 9 | 16 | 8 | 16 | 8 | 19 | 9 | 19 | 8 | 20 | 7 |
| 17 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | 32 | 4 | — | 2 | — | 2 | — | 3 | — | 3 |
| 18 | — | 3 | — | 2 | — | 2 | — | 2 | 20 | 4 | 20 | 4 | 23 | 5 | 24 | 4 | 22 | 6 | 21 | 7 | 22 | 7 | 22 | 7 |
| 19 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 3 | 29 | 4 |
| 20 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 1 | 8 | 2 | 11 | 1 | 13 | 2 | 13 | 2 | 12 | 2 | 12 | 3 | 12 |
| 21 | 4 | 13 | 5 | 14 | 4 | 14 | 4 | 12 | 3 | 11 | 4 | 11 | 5 | 13 | 5 | 12 | 5 | 11 | 4 | 11 | 2 | 11 | 5 | 12 |
| 22 | 6 | 4 | — | 2 | — | 2 | — | 3 | — | 3 | 6 | 4 | 3 | 7 | 2 | 6 | 1 | 4 | 31 | 4 | — | 3 | 4 | 4 |
| 23 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 30 | 4 | 31 | 6 |
| 24 | 2 | 4 | — | 2 | — | 2 | — | 2 | 2 | 4 | 2 | 4 | 2 | 5 | 2 | 5 | 1 | 7 | 2 | 10 | 2 | 11 | 6 | 12 |
| 25 | 3 | 9 | 3 | 8 | 3 | 7 | 4 | 9 | 3 | 12 | 3 | 11 | 4 | 13 | 4 | 12 | 2 | 11 | 3 | 12 | 6 | 12 | 6 | 10 |
| 26 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 1 | 5 | 8 | 6 | 8 | 7 | 6 | 5 | 8 | 4 | 7 | 4 | 9 |
| 27 | 2 | 10 | 2 | 9 | 2 | 9 | 3 | 10 | 3 | 10 | 3 | 10 | 3 | 9 | 4 | 10 | 5 | 15 | 5 | 12 | 4 | 10 | 4 | 11 |
| 28 | 6 | 13 | 4 | 15 | 4 | 12 | 4 | 12 | 6 | 11 | 5 | 10 | 5 | 9 | 5 | 8 | 6 | 9 | 6 | 8 | 10 | 10 | 9 | 9 |
| 29 | 9 | 9 | 7 | 8 | 6 | 9 | 6 | 9 | 5 | 8 | 6 | 10 | 6 | 9 | 4 | 8 | 5 | 10 | 5 | 12 | 7 | 11 | 8 | 11 |
| 30 | 6 | 8 | 6 | 7 | 6 | 11 | 4 | 9 | 5 | 7 | 5 | 8 | 3 | 9 | 4 | 8 | 7 | 8 | 5 | 8 | 7 | 10 | 8 | 11 |
| Mean ... | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 6 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 | — | 9 |
| Mean, 1881–1905. | — | 4·4 | — | 4·3 | — | 4·3 | — | 4·2 | — | 4·5 | — | 5·4 | — | 6·5 | — | 7·2 | — | 7·9 | — | 8·4 | — | 9·3 | — | 9·2 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JUNE, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 30 | 05 | 10 | 48 |
| 2 | 14 | 11 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 26 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | 33 | 05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 14 | — | — | — | — | 54 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | 02 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | 03 | 03 | 01 | — | — | — | — | — | — | — | 02 | 03 | 04 | 16 |
| 17 | 02 | 01 | 02 | 06 | 12 | 07 | 09 | 05 | — | — | — | — | — | — | — | 04 | — | — | — | — | — | — | — | — | 48 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 16 | 45 | 09 | 06 | 12 | 09 | 10 | 05 | — | — | — | 03 | 03 | 01 | — | 04 | — | — | 02 | 16 | — | 32 | 08 | 14 | 1·95 |
| Average 1871–1905. | ·074 | ·068 | ·067 | ·083 | ·088 | ·085 | ·079 | ·076 | ·065 | ·092 | ·090 | ·095 | ·093 | ·096 | ·107 | ·099 | ·108 | ·098 | ·121 | ·103 | ·118 | ·117 | ·085 | ·076 | 2·184 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JUNE, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 17 | 8 | 16 | 8 | 18 | 10 | 18 | 7 | 19 | 4 | 19 | 4 | — | 2 | — | 2 | — | 2 | 15 | 9 | 10 | 4 | — | 3 | 5 | 1 |
| 2 | 17 | 10 | 17 | 10 | 18 | 9 | 20 | 5 | 18 | 4 | 18 | 4 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | 5 | 2 |
| 3 | 9 | 16 | 10 | 15 | 10 | 13 | 8 | 10 | 7 | 12 | 8 | 7 | 8 | 7 | 8 | 7 | 8 | 4 | — | 2 | — | 3 | 8 | 5 | 7 | 3 |
| 4 | 32 | 7 | 31 | 7 | 32 | 7 | 32 | 7 | 3 | 7 | 31 | 13 | 4 | 7 | 22 | 4 | 29 | 7 | 30 | 7 | 30 | 7 | 31 | 6 | 5 | 4 |
| 5 | 31 | 7 | 32 | 5 | 29 | 4 | 28 | 7 | 30 | 7 | 29 | 9 | 31 | 9 | 30 | 7 | 30 | 4 | — | 3 | 26 | 4 | 24 | 5 | 7 | 5 |
| 6 | 32 | 13 | 32 | 14 | 32 | 13 | 32 | 15 | 32 | 15 | 32 | 14 | 1 | 12 | 1 | 12 | 2 | 10 | 2 | 8 | 1 | 7 | 1 | 5 | 11 | 6 |
| 7 | — | 3 | 22 | 4 | 21 | 5 | 21 | 4 | 26 | 5 | 23 | 7 | 22 | 8 | 21 | 7 | 23 | 4 | 23 | 4 | 23 | 5 | 24 | 4 | 4 | 7 |
| 8 | 24 | 5 | 22 | 7 | 22 | 8 | 25 | 8 | 29 | 8 | 30 | 8 | 32 | 7 | 32 | 7 | 1 | 6 | — | 2 | — | 2 | — | 2 | 6 | 8 |
| 9 | 23 | 8 | 23 | 7 | 23 | 6 | 26 | 7 | 25 | 7 | 27 | 4 | — | 2 | 28 | 4 | 26 | 4 | — | 2 | — | 2 | — | 3 | 4 | 9 |
| 10 | 23 | 5 | 26 | 7 | 22 | 4 | 22 | 4 | 20 | 6 | 17 | 5 | 23 | 5 | 24 | 4 | 24 | 4 | — | 3 | 24 | 4 | 24 | 4 | 4 | 10 |
| 11 | 17 | 14 | 19 | 14 | 20 | 16 | 19 | 16 | 20 | 18 | 20 | 14 | 20 | 10 | 20 | 7 | 19 | 10 | 20 | 7 | 19 | 7 | 20 | 9 | 9 | 11 |
| 12 | 20 | 10 | 22 | 10 | 20 | 10 | 24 | 7 | 28 | 7 | 28 | 4 | 29 | 4 | — | 1 | — | 1 | 24 | 4 | 24 | 4 | 24 | 5 | 7 | 12 |
| 13 | 19 | 16 | 19 | 18 | 20 | 18 | 19 | 18 | 20 | 18 | 20 | 15 | 20 | 13 | 19 | 17 | 18 | 18 | 19 | 15 | 19 | 14 | 20 | 15 | 12 | 13 |
| 14 | 24 | 11 | 25 | 10 | 25 | 9 | 30 | 10 | 29 | 9 | 29 | 7 | 31 | 7 | — | 3 | 32 | 4 | — | 3 | — | 2 | — | 1 | 10 | 14 |
| 15 | 17 | 15 | 17 | 17 | 18 | 16 | 18 | 15 | 18 | 15 | 19 | 15 | 20 | 14 | 21 | 9 | 20 | 8 | 20 | 10 | 20 | 9 | 20 | 6 | 9 | 15 |
| 16 | 18 | 5 | 17 | 7 | 18 | 10 | 17 | 8 | 17 | 7 | 17 | 5 | 22 | 5 | — | 3 | — | 3 | — | 2 | — | 2 | — | 1 | 6 | 16 |
| 17 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 20 | 7 | 24 | 5 | 24 | 4 | 24 | 4 | 20 | 5 | 20 | 4 | 3 | 17 |
| 18 | 24 | 7 | 20 | 4 | 18 | 5 | 17 | 7 | 20 | 10 | 19 | 8 | 21 | 5 | 21 | 4 | 21 | 4 | — | 3 | — | 2 | — | 2 | 5 | 18 |
| 19 | 27 | 4 | 28 | 5 | 26 | 5 | 29 | 6 | 24 | 4 | 27 | 5 | 28 | 6 | 28 | 4 | — | 3 | — | 2 | 28 | 5 | — | 1 | 3 | 19 |
| 20 | 1 | 14 | 2 | 15 | 2 | 17 | 1 | 17 | 2 | 18 | 1 | 15 | 1 | 12 | 2 | 12 | 1 | 10 | 3 | 11 | 4 | 14 | 4 | 15 | 11 | 20 |
| 21 | 3 | 11 | 3 | 12 | 2 | 11 | 6 | 10 | 4 | 10 | 2 | 10 | 3 | 8 | 10 | 4 | — | 2 | 6 | 8 | 6 | 9 | 6 | 4 | 10 | 21 |
| 22 | — | 3 | — | 3 | 28 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | 32 | 4 | — | 2 | — | 2 | — | 3 | 3 | 22 |
| 23 | 29 | 4 | 32 | 7 | 2 | 8 | 2 | 10 | 1 | 8 | 4 | 7 | 4 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | — | 2 | 4 | 23 |
| 24 | 1 | 12 | 2 | 12 | 3 | 12 | 3 | 12 | 2 | 13 | 1 | 13 | 1 | 12 | 2 | 12 | 2 | 10 | 2 | 10 | 3 | 8 | 3 | 9 | 8 | 24 |
| 25 | 6 | 9 | 5 | 10 | 3 | 8 | 3 | 10 | 9 | 10 | 10 | 10 | 9 | 11 | 10 | 7 | — | 3 | — | 2 | — | 1 | — | 1 | 9 | 25 |
| 26 | 4 | 12 | 5 | 14 | 6 | 14 | 4 | 13 | 4 | 12 | 8 | 7 | 6 | 8 | 8 | 6 | 3 | 8 | 4 | 10 | 4 | 11 | 2 | 9 | 7 | 26 |
| 27 | 4 | 11 | 5 | 12 | 3 | 12 | 4 | 12 | 6 | 13 | 4 | 14 | 5 | 15 | 4 | 12 | 4 | 14 | 5 | 15 | 5 | 15 | 5 | 12 | 12 | 27 |
| 28 | 10 | 9 | 9 | 10 | 9 | 11 | 8 | 14 | 9 | 13 | 9 | 12 | 9 | 11 | 9 | 8 | 11 | 7 | 11 | 5 | 11 | 5 | 9 | 7 | 10 | 28 |
| 29 | 8 | 12 | 9 | 12 | 7 | 12 | 8 | 12 | 9 | 15 | 7 | 15 | 8 | 13 | 10 | 8 | 10 | 7 | 9 | 7 | 9 | 9 | 6 | 8 | 10 | 29 |
| 30 | 8 | 11 | 9 | 10 | 8 | 14 | 9 | 12 | 8 | 12 | 8 | 13 | 9 | 13 | 9 | 6 | 7 | 6 | 7 | 8 | 7 | 10 | 6 | 8 | 9 | 30 |
| | — | 9 | — | 10 | — | 10 | — | 10 | — | 10 | — | 9 | — | 8 | — | 6 | — | 6 | — | 6 | — | 6 | — | 5 | 7 | Mean, 1831–1905. |
| | — | 9·3 | — | 9·5 | — | 9·6 | — | 9·4 | — | 9·3 | — | 8·8 | — | 7·6 | — | 6·4 | — | 5·9 | — | 5·4 | — | 5·0 | — | 4·6 | 7·0 | |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JUNE, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·3 | ·5 | ·9 | ·9 | ·9 | ·9 | ·9 | ·7 | ·9 | ·3 | ·9 | ·5 | ·2 | — | 8·8 | [1]2 about 22h. ●9 early, then fair ; ϟ with ●2, ▲2, and |
| 2 | — | — | ·1 | ·7 | ·7 | ·4 | ·6 | ·4 | ·1 | ·2 | ·2 | ·2 | ·8 | ·5 | ·8 | 1·0 | ·3 | 7·0 | ϟ, ●2 early, then fine most of day. |
| 3 | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | 8·7 | Fine and bright till about 15h., then cloudy. |
| 4 | — | — | — | — | ·2 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | ·1 | — | — | 8·7 | ϟ with ●2, ▲, 2h.–3h. and 19h.–20h. ; fine and bright in interval. |
| 5 | — | — | — | — | ·4 | ·8 | ·9 | ·9 | ·9 | ·9 | 1·0 | ·8 | ·9 | ·9 | 1·0 | ·6 | — | 10·0 | Fine. |
| 6 | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | ·1 | — | ·7 | ·4 | ·4 | ·7 | ·9 | ·7 | ·8 | 1·0 | ·1 | 10·4 | Fine. |
| 7 | ·1 | 1·0 | 1·0 | ·4 | — | — | — | — | ·8 | ·7 | ·7 | ·7 | ·9 | ·7 | — | — | — | 7·0 | A.M. fine to dull ; P.M. fair. |
| 8 | — | — | ·4 | ·5 | — | — | — | — | ·4 | ·7 | ·4 | ·8 | ·8 | ·5 | ·7 | — | — | 5·2 | Cloudy morning, clearing in afternoon. |
| 9 | — | — | — | — | — | — | — | — | ·1 | ·3 | — | ·2 | ·4 | ·7 | — | — | — | 1·7 | Cloudy to fair. |
| 10 | — | — | ·4 | ·7 | ·6 | ·9 | ·2 | ·4 | ·8 | ·5 | 1·0 | ·6 | ·8 | ·8 | ·3 | ·5 | ·2 | 8·7 | Fine. |
| 11 | — | 1·0 | ·9 | ·2 | ·1 | ·4 | ·9 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·2 | — | 11·5 | Fine, bright day ; overcast at night. |
| 12 | — | — | — | — | — | — | — | — | — | ·1 | — | ·1 | — | ·4 | ·6 | ·5 | — | 1·7 | ●9 about 9h. ; dull to fair. |
| 13 | — | ·8 | 1·0 | ·3 | ·3 | ·8 | 1·0 | ·2 | — | — | — | — | — | ·6 | ·9 | ·9 | ·9 | 4·4 | Fair at first, dull later. |
| 14 | — | — | — | ·2 | ·9 | ·3 | ·1 | — | ·2 | — | ·6 | ·9 | ·9 | ·9 | 1·0 | 1·0 | ·1 | 7·1 | A.M. cloudy to overcast ; P.M. fine. |
| 15 | — | — | ·9 | ·9 | 1·0 | 1·0 | ·9 | ·8 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | 13·7 | Clear and bright. |
| 16 | — | ·1 | ·9 | ·9 | ·1 | ·4 | — | — | — | — | — | — | — | — | — | — | — | 2·4 | Fine early, then dull and ●. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | 0·1 | ● till 8h., and at 16h. ; dull, misty day. |
| 18 | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | 1·0 | ·9 | ·8 | ·7 | ·6 | 1·0 | ·9 | ·7 | ·3 | 13·3 | Fine and clear. |
| 19 | — | ·5 | 1·0 | 1·0 | 1·0 | ·6 | ·2 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | | 13·2 | Fine. |
| 20 | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | ·6 | ·2 | ·2 | ·2 | ·5 | ·9 | 1·0 | 1·0 | 1·0 | ·4 | 10·9 | Cloudy about mid-day, but fine generally. |
| 21 | — | — | — | — | — | — | ·1 | ·7 | ·9 | 1·0 | ·9 | ·9 | ·8 | ·7 | ·7 | — | | 6·7 | A.M. overcast to cloudy ; P.M. fine. |
| 22 | — | — | — | — | ·2 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·*0 | ·8 | — | | 10·8 | Somewhat cloudy early, then bright. |
| 23 | — | — | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | | 12·9 | ≈2, fine day, overcast in evening. |
| 24 | — | ·2 | ·9 | ·8 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | | 13·2 | Fine and bright. |
| 25 | — | — | — | ·3 | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·*0 | 1·0 | 1·0 | 1·0 | — | | 9·0 | Cloudy early, clearing after 10h. |
| 26 | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | ·9 | ·7 | ·7 | — | 13·7 | Fine day ; warm afternoon. |
| 27 | — | — | — | — | — | ·2 | — | — | — | — | ·4 | ·7 | ·8 | ·9 | ·9 | ·9 | — | 3·9 | Rather dull till 15h., then improving. |
| 28 | — | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·*0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | 9·2 | ≈1 ; A.M. overcast ; P.M. fine. |
| 29 | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | 11·4 | ≈ at first ; cloudless day. |
| 30 | — | — | ·4 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 12·8 | ≈8 A.M., but fine, warm day. |
| | 0·3 | 6·3 | 13·1 | 14·0 | 14·5 | 16·9 | 15·7 | 16·8 | 19·7 | 19·4 | 19·9 | 20·8 | 21·7 | 22·1 | 19·9 | 15·8 | 2·1 | 259·0 | Total. |
| | 0·11 | 4·87 | 10·49 | 12·30 | 13·49 | 14·61 | 15·06 | 15·12 | 15·42 | 15·30 | 15·17 | 14·84 | 14·14 | 13·23 | 12·12 | 7·85 | 0·90 | 195·02 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JUNE, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·9 | 61·3 | 60·4 | 61·0 | 60·4 | 60·9 | 60·7 | 62·3 | 65·9 | 66·3 | 67·2 | 73·8 | 74·9 | 74·8 | 75·6 | 76·0 | 75·0 | 76·4 | 74·5 | 72·9 | 69·8 | 67·3 | 66·9 | 66·6 | 60·9 | 67·8 |
| 2 | 60·9 | 60·6 | 60·5 | 61·3 | 61·1 | 61·2 | 62·4 | 64·0 | 64·5 | 66·1 | 66·7 | 67·0 | 67·7 | 69·0 | 68·9 | 69·8 | 71·7 | 69·0 | 69·3 | 71·4 | 66·2 | 61·8 | 59·5 | 58·0 | 56·4 | 64·8 |
| 3 | 56·4 | 56·1 | 55·0 | 54·4 | 54·3 | 55·3 | 58·4 | 63·3 | 68·1 | 71·1 | 73·5 | 75·3 | 75·9 | 76·0 | 76·8 | 75·1 | 73·1 | 72·5 | 71·3 | 69·7 | 68·6 | 66·1 | 66·0 | 63·2 | 63·5 | 66·7 |
| 4 | 63·5 | 62·4 | 61·3 | 58·3 | 59·0 | 59·9 | 61·0 | 62·8 | 64·1 | 67·1 | 69·4 | 72·2 | 74·7 | 74·9 | 77·0 | 78·0 | 78·6 | 78·6 | 71·7 | 69·9 | 64·4 | 65·0 | 62·6 | 60·0 | 57·9 | 67·2 |
| 5 | 57·9 | 55·6 | 54·2 | 54·0 | 53·9 | 53·8 | 54·0 | 54·2 | 54·6 | 56·6 | 57·5 | 59·4 | 60·5 | 61·9 | 62·7 | 63·2 | 64·3 | 63·9 | 63·9 | 61·0 | 57·4 | 55·3 | 54·0 | 54·0 | 54·0 | 57·7 |
| 6 | 54·0 | 53·1 | 52·0 | 52·2 | 51·1 | 50·1 | 49·8 | 50·7 | 51·9 | 52·9 | 53·6 | 53·0 | 54·8 | 55·2 | 55·7 | 56·2 | 55·0 | *54·6* | *53·3* | *52·1* | *50·8* | *49·5* | 48·3 | *46·8* | *45·0* | 52·2 |
| 7 | *45·0* | *43·5* | *42·0* | *41·1* | *42·0* | *43·2* | *44·5* | *45·8* | *47·1* | *48·3* | 49·5 | 52·9 | 55·2 | 57·0 | 60·7 | 61·1 | 62·8 | 62·6 | 61·3 | 59·1 | 57·1 | 56·3 | 56·0 | 54·9 | 53·9 | 52·2 |
| 8 | 53·9 | 53·0 | 52·3 | 51·9 | 51·3 | *51·0* | *51·8* | *52·8* | *54·0* | *56·0* | 59·0 | 58·7 | 57·4 | 62·0 | 63·1 | 65·1 | 66·0 | 65·1 | 63·6 | 60·2 | 58·1 | 56·2 | 54·6 | 53·7 | 52·0 | 57·1 |
| 9 | 52·0 | 51·0 | 49·3 | 48·6 | 48·7 | 50·0 | 50·6 | 53·8 | 54·8 | 55·8 | 59·7 | 61·8 | 63·0 | 64·0 | 64·3 | 66·7 | 66·7 | 68·0 | 65·0 | 64·7 | 63·7 | 60·3 | 59·3 | 57·9 | 57·9 | 58·4 |
| 10 | 57·9 | 57·3 | 56·2 | 55·4 | 56·0 | 57·1 | 58·3 | 61·0 | 62·7 | 64·9 | 66·3 | 67·1 | 68·2 | 70·0 | 71·2 | 72·1 | 73·6 | 74·1 | 71·0 | 70·6 | 67·7 | 64·5 | 62·3 | 60·7 | 59·6 | 64·5 |
| 11 | 59·6 | 57·8 | 56·3 | 55·0 | 54·1 | 57·1 | 57·0 | 59·0 | 60·7 | 62·0 | 63·9 | 64·3 | 66·0 | 68·1 | 69·6 | 70·3 | 70·9 | 70·0 | 69·6 | 65·8 | 61·9 | 59·5 | 57·5 | 56·4 | 55·8 | 62·1 |
| 12 | 55·8 | 55·2 | 54·1 | 54·3 | 54·0 | 54·5 | 55·1 | 56·2 | 58·3 | 59·8 | 61·0 | 63·7 | 63·5 | 64·9 | 62·7 | 65·0 | 62·6 | 62·5 | 64·0 | 63·4 | 60·0 | 56·0 | 56·2 | 55·1 | 54·4 | 59·1 |
| 13 | 54·4 | 53·4 | 52·8 | 52·3 | 51·0 | 52·0 | 52·3 | 54·6 | 57·0 | 59·0 | 59·9 | 61·8 | 62·2 | 61·6 | 61·2 | 58·9 | 60·6 | 59·1 | 59·4 | 59·3 | 58·3 | 56·9 | 56·6 | 56·7 | 56·7 | 57·2 |
| 14 | 56·7 | 57·1 | 57·5 | 57·9 | 57·6 | 58·0 | 56·4 | 56·0 | 56·9 | 58·9 | 58·9 | 60·1 | 61·4 | 62·0 | 63·8 | 64·3 | 63·7 | 65·0 | 64·8 | 63·6 | 60·1 | 56·8 | 55·2 | 53·3 | 50·9 | 59·3 |
| 15 | 50·9 | 49·7 | 47·8 | 46·9 | 45·9 | 47·7 | 51·3 | 56·4 | 60·3 | 62·8 | 63·2 | 65·1 | 64·3 | 66·9 | 67·1 | 66·3 | 66·8 | 66·1 | 66·2 | 64·6 | 60·0 | 59·1 | 58·0 | 57·5 | 56·6 | 58·9 |
| 16 | 56·6 | 55·6 | 55·0 | 54·4 | 54·0 | 55·7 | 57·9 | 60·4 | 61·0 | 64·0 | 63·4 | 65·3 | 61·6 | 61·0 | 60·5 | 60·4 | 61·8 | 60·7 | 59·4 | 59·7 | 58·8 | 58·0 | 57·4 | 56·5 | 56·4 | 59·1 |
| 17 | 56·4 | 56·0 | 55·2 | 55·3 | 55·3 | 55·2 | 55·2 | 55·5 | 55·9 | 56·4 | 56·9 | 56·9 | 56·3 | 57·0 | 59·0 | 60·1 | 60·7 | 60·2 | 61·4 | 58·1 | 57·4 | 55·7 | 55·1 | 54·0 | 52·8 | 56·8 |
| 18 | 52·8 | 51·2 | 50·5 | 49·0 | 47·7 | 50·3 | 52·5 | 52·8 | 55·0 | 57·9 | 60·0 | 62·0 | 63·1 | 64·8 | 64·1 | 66·0 | 65·5 | 68·1 | 66·6 | 66·2 | 62·9 | 58·0 | 55·7 | 54·0 | 52·6 | 58·2 |
| 19 | 52·6 | 50·7 | 49·8 | 48·7 | 47·9 | 48·1 | 49·9 | 53·9 | 57·4 | 61·0 | 61·4 | 62·7 | 64·0 | 65·8 | 67·0 | 68·1 | 67·8 | 69·7 | 69·0 | 67·8 | 64·0 | 60·3 | 58·1 | 55·9 | 54·8 | 59·3 |
| 20 | 54·8 | 53·7 | 51·8 | 49·3 | 49·0 | 52·0 | 54·7 | 56·8 | 58·1 | 60·0 | 60·8 | 62·0 | 62·3 | 62·4 | 62·4 | 62·7 | 63·0 | 62·3 | 60·1 | 58·5 | 55·3 | 53·1 | 53·1 | 52·2 | 51·3 | 57·0 |
| 21 | 51·3 | 51·1 | 51·2 | 51·1 | 51·0 | 51·3 | 51·4 | 52·0 | 52·3 | 53·3 | 54·3 | 55·3 | 57·0 | 58·3 | 59·3 | *60·4* | *61·7* | *62·7* | *61·1* | *59·7* | 58·6 | 57·0 | 55·1 | 52·9 | 50·3 | 55·4 |
| 22 | 50·3 | 48·5 | 47·5 | 45·6 | 45·2 | 46·9 | 50·0 | 51·0 | 52·4 | 53·5 | 54·8 | 57·0 | 60·2 | 62·1 | 63·5 | 66·1 | 67·1 | 68·0 | 67·7 | 67·3 | 63·9 | 61·1 | 59·0 | 54·0 | 53·1 | 56·8 |
| 23 | 53·1 | 51·7 | 50·2 | 48·1 | 46·0 | 47·7 | 49·7 | 52·1 | 57·1 | 61·8 | 64·0 | 67·0 | 68·9 | 70·7 | 71·0 | 71·1 | 71·6 | 71·7 | 71·1 | 70·0 | 67·8 | 65·3 | 63·6 | 61·8 | 58·3 | 61·5 |
| 24 | 58·3 | 57·9 | 55·6 | 54·1 | 51·7 | 56·3 | 56·7 | 59·1 | 60·8 | 64·0 | 66·1 | 68·5 | 69·4 | 70·3 | 71·1 | 71·3 | 71·0 | 69·5 | 67·6 | 63·6 | 60·4 | 58·0 | 55·0 | 53·3 | 52·6 | 61·9 |
| 25 | 52·6 | 51·4 | 51·5 | 52·3 | 52·5 | 52·3 | 52·9 | 54·7 | 55·0 | 55·9 | 56·8 | 61·0 | 63·0 | 66·0 | 67·9 | 69·0 | 69·9 | 69·0 | 67·6 | 64·8 | 61·0 | 57·3 | 55·7 | 53·1 | 51·0 | 58·9 |
| 26 | 51·0 | 49·0 | 48·3 | 47·3 | 46·5 | 51·0 | 55·2 | 60·1 | 62·3 | 65·7 | 67·7 | 70·3 | 72·3 | 74·1 | 74·2 | 75·9 | 75·7 | 75·5 | 72·9 | 73·6 | 68·9 | 67·1 | 64·2 | 61·0 | 58·6 | 63·9 |
| 27 | 58·6 | 58·0 | 56·6 | 56·1 | 55·0 | 53·1 | 52·9 | 53·9 | 56·7 | 60·8 | 61·0 | 61·4 | 62·9 | 64·7 | 64·9 | 66·1 | 67·1 | 67·9 | 67·2 | 65·9 | 62·8 | 62·1 | 60·6 | 58·8 | 58·7 | 60·6 |
| 28 | 58·7 | 58·8 | 57·4 | 57·0 | 56·6 | 56·3 | 56·0 | 56·6 | 57·6 | 59·4 | 63·3 | 66·1 | 69·3 | 71·3 | 73·3 | 73·4 | 73·7 | 72·0 | 70·6 | 66·0 | 62·3 | 60·2 | 58·9 | 57·7 | 62·9 | |
| 29 | 57·7 | 57·0 | 57·0 | 56·0 | 56·1 | 56·0 | 56·0 | 56·3 | 58·0 | 62·9 | 65·9 | 69·1 | 71·5 | 73·8 | 74·1 | 75·0 | 74·6 | 73·2 | 70·7 | 67·0 | 63·5 | 60·3 | 58·3 | 56·9 | 56·8 | 63·6 |
| 30 | 56·8 | 56·7 | 55·1 | 54·0 | 52·9 | 53·9 | 54·7 | 56·1 | 58·0 | 60·8 | 62·9 | 67·2 | 71·0 | 73·1 | 74·9 | 76·3 | 75·6 | 75·5 | 73·4 | 69·7 | 65·3 | 64·3 | 64·0 | 63·4 | 61·9 | 64·1 |
| Mean ... | 55·4 | 54·5 | 53·5 | 52·8 | 52·2 | 53·3 | 54·3 | 56·1 | 57·9 | 60·2 | 61·7 | 63·5 | 64·6 | 66·1 | 66·9 | 67·7 | 68·0 | 67·9 | 66·5 | 65·0 | 62·0 | 59·7 | 58·1 | 56·5 | 55·4 | 60·2 |
| Mean, 1871-1905. | 54·3 | 53·5 | 52·8 | 52·3 | 51·8 | 52·7 | 53·8 | 55·8 | 57·5 | 59·5 | 60·9 | 62·5 | 63·5 | 64·7 | 65·2 | 65·7 | 65·4 | 65·1 | 64·1 | 62·6 | 60·2 | 58·2 | 56·7 | 55·6 | 54·5 | 58·8 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JUNE, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 88 | 90 | 91 | 85 | 87 | 84 | 90 | 90 | 82 | 78 | 68 | 68 | 62 | 62 | 64 | 61 | 58 | 60 | 64 | 66 | 70 | 80 | 93 | 91 | 97 | 76·4 |
| 2 | 93 | 95 | 96 | 97 | 97 | 97 | 94 | 88 | 85 | 80 | 80 | 78 | 74 | 73 | 70 | 74 | 67 | 71 | 72 | 67 | 76 | 89 | 93 | 94 | 97 | 83·5 |
| 3 | 97 | 95 | 96 | 97 | 97 | 95 | 91 | 86 | 76 | 68 | 66 | 63 | 60 | 63 | 60 | 61 | 62 | 59 | 62 | 67 | 66 | 74 | 73 | 83 | 77 | 75·3 |
| 4 | 77 | 78 | 85 | 92 | 92 | 91 | 93 | 84 | 82 | 78 | 76 | 78 | 75 | 74 | 69 | 67 | 63 | 58 | 70 | 73 | 93 | 84 | 81 | 74 | 75 | 78·6 |
| 5 | 75 | 72 | 72 | 75 | 80 | 77 | 74 | 71 | 78 | 76 | 72 | 68 | 65 | 58 | 58 | 56 | 55 | 53 | 51 | 52 | 58 | 63 | 68 | 76 | 74 | 72 | 67·0 |
| 6 | 72 | 73 | 78 | 71 | 72 | 69 | 74 | 71 | 68 | 65 | 64 | 66 | 64 | 57 | 57 | 57 | 52 | *55* | *59* | *63* | *66* | 70 | 76 | 78 | *81* | 67·1 |
| 7 | *81* | *83* | *88* | *91* | *89* | *85* | *80* | 78 | *74* | *72* | 70 | 64 | 62 | 61 | 61 | 62 | 58 | 57 | 59 | 66 | 73 | 77 | 75 | 81 | 85 | 72·9 |
| 8 | 85 | 88 | 82 | 94 | 93 | *93* | *90* | *89* | *87* | *81* | 73 | 72 | 84 | 67 | 67 | 57 | 54 | 55 | 53 | 65 | 66 | 64 | 68 | 70 | 79 | 74·7 |
| 9 | 79 | 81 | 84 | 87 | 85 | 84 | 89 | 82 | 86 | 89 | 85 | 73 | 73 | 68 | 66 | 65 | 62 | 60 | 68 | 74 | 79 | 94 | 94 | 97 | 95 | 79·7 |
| 10 | 95 | 97 | 98 | 97 | 97 | 94 | 93 | 88 | 84 | 73 | 71 | 68 | 67 | 61 | 58 | 62 | 60 | 59 | 68 | 71 | 65 | 74 | 80 | 82 | 85 | 77·3 |
| 11 | 85 | 86 | 90 | 91 | 91 | 80 | 86 | 84 | 85 | 84 | 79 | 78 | 71 | 70 | 66 | 63 | 58 | 55 | 53 | 52 | 61 | 68 | 73 | 79 | 83 | 72·9 |
| 12 | 82 | 85 | 85 | 85 | 86 | 84 | 85 | 84 | 79 | 78 | 69 | 68 | 63 | 65 | 68 | 71 | 73 | 67 | 63 | 59 | 72 | 83 | 82 | 83 | 80 | 75·8 |
| 13 | 80 | 83 | 84 | 86 | 86 | 78 | 76 | 67 | 67 | 59 | 63 | 61 | 60 | 65 | 59 | 66 | 68 | 67 | 65 | 63 | 69 | 76 | 78 | 81 | 85 | 71·3 |
| 14 | 85 | 82 | 83 | 83 | 86 | 86 | 81 | 70 | 70 | 66 | 64 | 64 | 60 | 61 | 60 | 57 | 57 | 52 | 53 | 54 | 58 | 66 | 80 | 84 | 92 | 69·4 |
| 15 | 92 | 93 | 93 | 94 | 94 | 92 | 89 | 79 | 75 | 73 | 68 | 68 | 58 | 59 | 52 | 51 | 55 | 53 | 53 | 55 | 54 | 64 | 67 | 67 | 68 | 70 |
| 16 | 70 | 75 | 79 | 83 | 84 | 81 | 76 | 69 | 70 | 62 | 65 | 62 | 79 | 84 | 87 | 82 | 79 | 80 | 86 | 84 | 85 | 87 | 89 | 95 | 96 | 79·4 |
| 17 | 96 | 94 | 94 | 94 | 96 | 96 | 97 | 89 | 78 | 68 | 66 | 67 | 93 | 94 | 89 | 85 | 86 | 94 | 86 | 87 | 87 | 89 | 88 | 90 | 91 | 91·8 |
| 18 | 91 | 94 | 95 | 95 | 95 | 85 | 84 | 82 | 80 | 72 | 66 | 58 | 59 | 58 | 55 | 57 | 57 | 56 | 58 | 55 | 63 | 69 | 77 | 82 | 84 | 72·5 |
| 19 | 84 | 86 | 87 | 89 | 91 | 88 | 85 | 77 | 73 | 61 | 59 | 58 | 51 | 50 | 50 | 48 | 45 | 43 | 44 | 51 | 59 | 65 | 67 | 72 | 76 | 65·8 |
| 20 | 76 | 80 | 87 | 93 | 91 | 84 | 78 | 76 | 66 | 62 | 57 | 54 | 57 | 59 | 59 | 56 | 56 | 56 | 59 | 62 | 65 | 69 | 68 | 68 | 69 | 68·1 |
| 21 | 69 | 70 | 69 | 69 | 68 | 69 | 69 | 66 | 67 | 64 | 66 | 64 | 60 | 60 | 58 | *59* | *59* | *60* | *65* | *67* | 72 | 75 | 66 | 69 | 77 | 66·0 |
| 22 | 77 | 81 | 83 | 88 | 86 | 80 | 75 | 68 | 66 | 67 | 62 | 61 | 57 | 53 | 52 | 52 | 49 | 50 | 48 | 49 | 55 | 62 | 61 | 64 | 74 | 67·3 |
| 23 | 84 | 88 | 92 | 95 | 94 | 92 | 88 | 84 | 79 | 68 | 62 | 57 | 56 | 56 | 51 | 57 | 49 | 49 | 48 | 49 | 55 | 62 | 61 | 64 | 74 | 68·1 |
| 24 | 74 | 68 | 78 | 80 | 88 | 78 | 81 | 75 | 71 | 59 | 55 | 47 | 50 | 52 | 48 | 49 | 48 | 61 | 65 | 71 | 76 | 80 | 86 | 89 | 89 | 68·2 |
| 25 | 89 | 90 | 88 | 83 | 83 | 78 | 74 | 70 | 73 | 70 | 70 | 65 | 60 | 55 | 52 | 50 | 49 | 56 | 61 | 62 | 62 | 69 | 73 | 81 | 88 | 69·3 |
| 26 | 88 | 92 | 90 | 91 | 91 | 80 | 74 | 54 | 53 | 53 | 50 | 50 | 49 | 52 | 53 | 51 | 53 | 53 | 63 | 62 | 71 | 75 | 81 | 82 | 88 | 67·1 |
| 27 | 88 | 86 | 85 | 84 | 83 | 87 | 89 | 89 | 85 | 78 | 77 | 77 | 74 | 70• | 69 | 70 | 68 | 65 | 67 | 69 | 75 | 76 | 78 | 83 | 82 | 77·9 |
| 28 | 82 | 84 | 85 | 86 | 87 | 87 | 87 | 88 | 85 | 83 | 81 | 73 | 72 | 67 | 62 | 59 | 58 | 57 | 58 | 63 | 70 | 77 | 83 | 86 | 89 | 76·0 |
| 29 | 89 | 89 | 88 | 88 | 88 | 87 | 81 | 71 | 64 | 59 | 56 | 55 | 56 | 54 | 56 | 58 | 60 | 68 | 71 | 70 | 73 | 78 | 77 | 81 | 72·0 | |
| 30 | 81 | 78 | 80 | 81 | 84 | 80 | 77 | 75 | 74 | 68 | 63 | 59 | 53 | 50 | 50 | 46 | 44 | 49 | 60 | 73 | 83 | 72 | 57 | 58 | 60 | 66·0 |
| Mean ... | 83·5 | 84·5 | 86·2 | 87·7 | 88·0 | 84·7 | 83·5 | 78·9 | 76·1 | 71·2 | 68·4 | 65·2 | 64·1 | 62·3 | 60·7 | 60·2 | 58·5 | 58·8 | 61·4 | 64·6 | 70·2 | 74·7 | 77·1 | 80·1 | 82·5 | 72·9 |
| Mean,* 1886-1905. | 82·9 | 84·2 | 85·8 | 87·2 | 87·5 | 85·7 | 83·5 | 79·5 | 75·3 | 70·7 | 67·3 | 64·1 | 61·5 | 59·7 | 58·5 | 57·7 | 58·1 | 58·9 | 61·0 | 64·8 | 70·0 | 74·5 | 78·0 | 80·4 | 83·1 | 72·4 |

* Mean for 19 years only—1891 omitted.

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. JULY, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. JULY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·324 | 0·228 | 69·4 | 55·9 | 9 | 9·766 | 9·398 | 61·8 | 55·4 | 17 | 9·950 | 9·495 | 59·7 | 54·4 | 25 | 0·061 | 9·724 | 62·8 | 54·5 |
| 2 | 0·318 | 0·233 | **76·2** | 55·6 | 10 | 9·626 | **9·236** | 61·3 | 55·6 | 18 | 0·238 | 9·948 | 59·4 | 52·6 | 26 | 0·059 | 9·960 | 66·4 | 55·5 |
| 3 | 0·233 | 0·076 | 75·3 | 58·6 | 11 | 9·620 | 9·562 | 63·9 | 52·6 | 19 | 0·282 | 0·235 | 62·9 | 50·4 | 27 | 0·221 | 9·969 | 63·6 | 52·6 |
| 4 | 0·076 | 0·005 | 72·2 | 56·3 | 12 | 9·693 | 9·540 | 63·8 | 52·0 | 20 | 0·290 | 0·224 | 62·7 | 51·5 | 28 | **0·443** | 0·221 | 64·9 | 52·4 |
| 5 | 0·132 | 0·035 | 62·7 | 56·3 | 13 | 9·844 | 9·690 | 60·1 | 51·9 | 21 | 0·284 | 0·094 | 66·7 | **46·5** | 29 | 0·435 | 0·395 | 67·9 | 52·4 |
| 6 | 0·133 | 0·040 | 61·6 | 55·4 | 14 | 9·964 | 9·886 | 61·3 | 51·3 | 22 | 0·097 | 0·014 | 63·7 | 54·5 | 30 | 0·405 | 0·357 | 66·3 | 58·3 |
| 7 | 0·040 | 9·746 | 63·8 | 56·0 | 15 | 9·959 | 9·747 | 59·9 | 47·6 | 23 | 0·049 | 9·957 | 66·7 | 53·8 | 31 | 0·382 | 0·344 | 65·6 | 55·7 |
| 8 | 9·751 | 9·640 | 62·9 | 54·8 | 16 | 9·799 | 9·453 | 61·6 | 54·8 | 24 | 9·957 | 9·681 | 62·8 | 58·8 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 64·5 | 54·0 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. JULY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·228 | 0·228 | 0·229 | 0·236 | 0·233 | 0·240 | 0·246 | 0·256 | 0·261 | 0·270 | 0·276 | 0·281 | 0·282 | 0·283 | 0·288 | 0·291 | 0·292 | 0·297 | 0·301 | 0·304 | 0·317 | 0·322 | 0·322 | 0·318 | 0·276 | |
| 2 | 0·318 | 0·316 | 0·305 | 0·296 | 0·302 | 0·309 | 0·312 | 0·311 | 0·311 | 0·310 | 0·306 | 0·312 | 0·300 | 0·303 | 0·290 | 0·286 | 0·268 | 0·264 | 0·266 | 0·265 | 0·258 | 0·261 | 0·254 | 0·241 | 0·233 | 0·288 |
| 3 | 0·233 | 0·224 | 0·215 | 0·214 | 0·201 | 0·194 | 0·183 | 0·182 | 0·184 | 0·178 | 0·176 | 0·165 | | 0·166 | 0·156 | 0·150 | 0·126 | 0·119 | 0·104 | 0·095 | 0·089 | 0·090 | 0·091 | 0·087 | 0·076 | 0·155 |
| 4 | 0·076 | 0·064 | 0·051 | 0·038 | 0·022 | 0·026 | 0·029 | 0·025 | 0·032 | 0·031 | 0·027 | 0·031 | 0·026 | 0·028 | 0·021 | 0·025 | 0·017 | 0·021 | 0·011 | 0·014 | 0·021 | 0·034 | 0·035 | 0·047 | 0·048 | 0·031 |
| 5 | 0·048 | 0·041 | 0·035 | 0·039 | 0·042 | 0·047 | 0·061 | 0·066 | 0·071 | 0·075 | 0·085 | 0·087 | 0·090 | 0·094 | 0·105 | 0·111 | 0·106 | 0·110 | 0·107 | 0·118 | 0·117 | 0·122 | 0·126 | 0·132 | 0·128 | 0·087 |
| 6 | 0·128 | 0·126 | 0·125 | 0·117 | 0·112 | 0·117 | 0·115 | 0·110 | 0·121 | 0·125 | 0·123 | 0·124 | 0·119 | 0·126 | 0·123 | 0·121 | 0·108 | 0·093 | 0·083 | 0·086 | 0·080 | 0·077 | 0·066 | 0·058 | 0·040 | 0·106 |
| 7 | 0·040 | 0·025 | 0·003 | 9·997 | 9·978 | 0·005 | 0·039 | 0·044 | 0·047 | 0·044 | 0·037 | 0·036 | 0·033 | 0·029 | 0·032 | 0·028 | 0·021 | 0·017 | 0·009 | 0·008 | 0·007 | 0·006 | 0·005 | 0·003 | 0·002 | 0·029 |
| 8 | 9·746 | 9·729 | 9·709 | 9·693 | 9·673 | 9·656 | 9·647 | 9·651 | 9·644 | 9·643 | 9·653 | 9·667 | 9·675 | 9·688 | 9·698 | 9·701 | 9·706 | 9·708 | 9·713 | 9·725 | 9·727 | 9·732 | 9·746 | 9·747 | 9·748 | 9·695 |
| 9 | 9·748 | 9·751 | 9·751 | 9·750 | 9·753 | 9·761 | 9·764 | 9·766 | 9·765 | 9·753 | 9·748 | 9·745 | 9·710 | 9·686 | 9·645 | 9·666 | 9·554 | 9·513 | 9·492 | 9·478 | 9·457 | 9·438 | 9·423 | 9·413 | 9·398 | 9·637 |
| 10 | 9·398 | 9·353 | 9·317 | 9·303 | 9·271 | 9·245 | 9·272 | 9·286 | 9·286 | 9·307 | 9·333 | 9·382 | 9·432 | 9·475 | 9·516 | 9·541 | 9·551 | 9·576 | 9·587 | 9·605 | 9·605 | 9·613 | 9·626 | 9·621 | 9·620 | 9·442 |
| 11 | 9·620 | 9·615 | 9·604 | 9·600 | 9·588 | 9·579 | 9·576 | 9·570 | 9·569 | 9·567 | 9·567 | 9·567 | 9·566 | 9·575 | 9·576 | 9·578 | 9·583 | 9·583 | 9·580 | 9·586 | 9·586 | 9·598 | 9·607 | 9·598 | 9·594 | 9·584 |
| 12 | 9·594 | 9·591 | 9·577 | 9·562 | 9·549 | 9·542 | 9·549 | 9·552 | 9·558 | 9·559 | 9·570 | 9·571 | | 9·573 | 9·578 | 9·585 | 9·595 | 9·607 | 9·620 | 9·637 | 9·656 | 9·677 | 9·685 | 9·691 | 9·693 | 9·595 |
| 13 | 9·693 | 9·702 | 9·705 | 9·699 | 9·696 | 9·706 | 9·709 | 9·715 | 9·717 | 9·729 | 9·733 | 9·740 | 9·753 | 9·758 | 9·763 | 9·770 | 9·777 | 9·783 | 9·790 | 9·800 | 9·811 | 9·824 | 9·840 | 9·842 | 9·844 | 9·755 |
| 14 | 9·844 | 9·843 | 9·841 | 9·839 | 9·841 | 9·846 | 9·850 | 9·867 | 9·871 | 9·877 | 9·880 | 9·881 | 9·889 | 9·903 | 9·915 | 9·918 | 9·927 | 9·929 | 9·932 | 9·933 | 9·943 | 9·952 | 9·957 | 9·964 | 9·950 | 9·896 |
| 15 | 9·956 | 9·953 | 9·947 | 9·931 | 9·907 | 9·897 | 9·888 | 9·869 | 9·864 | 9·842 | 9·817 | 9·796 | 9·770 | 9·757 | 9·750 | 9·747 | 9·751 | 9·761 | 9·774 | 9·788 | 9·800 | 9·813 | 9·818 | 9·804 | 9·790 | 9·830 |
| 16 | 9·790 | 9·780 | 9·759 | 9·731 | 9·680 | 9·637 | 9·605 | 9·584 | 9·564 | 9·547 | 9·516 | 9·512 | 9·494 | 9·485 | 9·483 | 9·474 | 9·467 | 9·459 | 9·456 | 9·466 | 9·458 | 9·462 | 9·472 | 9·480 | 9·495 | 9·550 |
| 17 | 9·495 | 9·505 | 9·522 | 9·524 | 9·514 | 9·517 | 9·523 | 9·538 | 9·567 | 9·589 | 9·611 | 9·640 | 9·669 | 9·702 | 9·727 | 9·750 | 9·773 | 9·794 | 9·820 | 9·852 | 9·882 | 9·906 | 9·928 | 9·935 | 9·950 | 9·688 |
| 18 | 9·950 | 9·970 | 9·976 | 9·985 | 9·990 | 9·994 | 0·022 | 0·046 | 0·060 | 0·070 | 0·084 | 0·094 | 0·107 | 0·119 | 0·134 | 0·139 | 0·153 | 0·157 | 0·171 | 0·187 | 0·189 | 0·213 | 0·221 | 0·235 | 0·238 | 0·100 |
| 19 | 0·238 | 0·247 | 0·249 | 0·252 | 0·240 | 0·253 | 0·267 | 0·269 | 0·270 | 0·282 | 0·279 | 0·279 | 0·271 | 0·277 | 0·267 | 0·273 | 0·267 | 0·268 | 0·264 | 0·261 | 0·257 | 0·259 | 0·262 | 0·255 | 0·246 | 0·263 |
| 20 | 0·246 | 0·236 | 0·235 | 0·224 | 0·230 | 0·235 | 0·252 | 0·267 | 0·265 | 0·269 | 0·272 | 0·270 | 0·268 | 0·272 | 0·273 | 0·281 | 0·277 | 0·274 | 0·279 | 0·272 | 0·277 | 0·285 | 0·285 | 0·281 | 0·280 | 0·264 |
| 21 | 0·280 | 0·269 | 0·261 | 0·248 | 0·243 | 0·237 | 0·232 | 0·234 | 0·228 | 0·227 | 0·219 | 0·209 | 0·190 | 0·187 | 0·169 | 0·156 | 0·146 | 0·148 | 0·143 | 0·120 | 0·112 | 0·120 | 0·124 | 0·102 | 0·094 | 0·188 |
| 22 | 0·094 | 0·087 | 0·069 | 0·053 | 0·043 | 0·032 | 0·024 | 0·022 | 0·017 | 0·016 | 0·021 | 0·024 | 0·022 | 0·027 | 0·022 | 0·026 | 0·026 | 0·032 | 0·034 | 0·037 | 0·040 | 0·042 | 0·043 | 0·042 | 0·034 | 0·036 |
| 23 | 0·034 | 0·033 | 0·028 | 0·022 | 0·013 | 0·018 | 0·015 | 0·024 | 0·027 | 0·035 | 0·036 | 0·041 | 0·046 | 0·043 | 0·040 | 0·038 | 0·037 | 0·028 | 0·027 | 0·021 | 0·015 | 0·014 | 0·004 | 9·984 | 9·957 | 0·024 |
| 24 | 9·957 | 9·928 | 9·905 | 9·885 | 9·868 | 9·829 | 9·844 | 9·837 | 9·810 | 9·803 | 9·783 | 9·791 | 9·775 | 9·753 | 9·738 | 9·720 | 9·702 | 9·693 | 9·694 | 9·696 | 9·696 | 9·704 | 9·716 | 9·722 | 9·724 | 9·781 |
| 25 | 9·724 | 9·726 | 9·727 | 9·729 | 9·752 | 9·779 | 9·803 | 9·833 | 9·857 | 9·877 | 9·898 | 9·908 | 9·930 | 9·947 | 9·963 | 9·973 | 9·986 | 9·989 | 9·999 | 0·010 | 0·032 | 0·044 | 0·058 | 0·058 | 0·059 | 9·907 |
| 26 | 0·059 | 0·053 | 0·054 | 0·053 | 0·044 | 0·039 | 0·046 | 0·048 | 0·048 | 0·056 | 0·049 | 0·048 | 0·040 | 0·038 | 0·028 | 0·020 | 0·005 | 9·992 | 9·985 | 9·979 | 9·974 | 9·963 | 9·965 | 9·969 | 0·022 | |
| 27 | 9·969 | 9·977 | 9·984 | 9·992 | 9·997 | 0·000 | 0·003 | 0·026 | 0·033 | 0·039 | 0·047 | 0·064 | 0·079 | 0·091 | 0·101 | 0·114 | 0·117 | 0·133 | 0·141 | 0·160 | 0·169 | 0·192 | 0·208 | 0·217 | 0·221 | 0·082 |
| 28 | 0·221 | 0·229 | 0·245 | 0·254 | 0·260 | 0·273 | 0·291 | 0·309 | 0·329 | 0·348 | 0·354 | 0·353 | 0·364 | 0·366 | 0·375 | 0·386 | 

VALENCIA. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4 | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 1 | — | 0 | — | 1 | — | 1 | — | 1 | — | 0 | — | 2 | — | 0 | 18 | 4 | 20 | 4 | 19 | 5 | 21 | 7 |
| 2 | 1 | 4 | — | 1 | — | 2 | — | 0 | — | 0 | — | 2 | — | 0 | — | 0 | — | 2 | — | 2 | 25 | 5 | 25 | 6 |
| 3 | — | 0 | — | 3 | — | 1 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 4 | 4 | 4 | 4 | 25 | 4 | 25 | 4 |
| 4 | — | 1 | 1 | 4 | 1 | 4 | 3 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 4 | 25 | 5 | 25 | 4 | 25 | 5 |
| 5 | 31 | 7 | 31 | 6 | 31 | 11 | 31 | 9 | 31 | 12 | 30 | 12 | 30 | 15 | 30 | 15 | 30 | 17 | 30 | 18 | 30 | 19 | 30 | 21 |
| 6 | 1 | 5 | 1 | 6 | 1 | 6 | 1 | 4 | 26 | 13 | 26 | 7 | 29 | 10 | 28 | 10 | 28 | 10 | 28 | 11 | 28 | 10 | 29 | 11 |
| 7 | — | 0 | — | 0 | — | 2 | — | 2 | — | 0 | — | 0 | — | 2 | — | 0 | 4 | 6 | 23 | 12 | 22 | 7 | 19 | 7 |
| 8 | — | 2 | — | 2 | — | 3 | — | 3 | 19 | 4 | 19 | 4 | 19 | 4 | — | 2 | 20 | 6 | 21 | 10 | 22 | 12 | 22 | 14 |
| 9 | 22 | 22 | 22 | 21 | 22 | 19 | 22 | 18 | 23 | 15 | 22 | 12 | 22 | 13 | 22 | 12 | 21 | 10 | 19 | 8 | 17 | 7 | 16 | 10 |
| 10 | 16 | 15 | 16 | 19 | 16 | 19 | 16 | 20 | 17 | 26 | 18 | 20 | 18 | 17 | 19 | 18 | 20 | 23 | 21 | 27 | 21 | 28 | 22 | 29 |
| 11 | 22 | 12 | 22 | 10 | 22 | 7 | 22 | 4 | — | 3 | 22 | 4 | 22 | 7 | 23 | 6 | 23 | 7 | 25 | 7 | 25 | 8 | 25 | 10 |
| 12 | 20 | 4 | 20 | 7 | 20 | 10 | 20 | 7 | 20 | 5 | — | 2 | 20 | 4 | 20 | 5 | 21 | 7 | 21 | 7 | 22 | 9 | 27 | 7 |
| 13 | 31 | 10 | 31 | 8 | 32 | 10 | 28 | 7 | 32 | 7 | 31 | 10 | 27 | 10 | 29 | 13 | 29 | 13 | 29 | 12 | 29 | 12 | 30 | 13 |
| 14 | 29 | 6 | 29 | 9 | 28 | 8 | 28 | 7 | 28 | 12 | 27 | 12 | 28 | 10 | 28 | 13 | 28 | 14 | 28 | 15 | 28 | 15 | 27 | 18 |
| 15 | — | 3 | 21 | 4 | — | 3 | — | 3 | 17 | 7 | 17 | 7 | 16 | 10 | 19 | 10 | 18 | 14 | 16 | 13 | 16 | 15 | 16 | 17 |
| 16 | 20 | 8 | 18 | 9 | 16 | 9 | 16 | 11 | 16 | 10 | 16 | 14 | 20 | 19 | 19 | 18 | 20 | 22 | 20 | 24 | 20 | 21 | 20 | 22 |
| 17 | 26 | 26 | 25 | 28 | 25 | 27 | 25 | 29 | 25 | 29 | 25 | 33 | 25 | 34 | 27 | 25 | 28 | 31 | 29 | 28 | 28 | 26 | 29 | 28 |
| 18 | 30 | 21 | 30 | 18 | 31 | 21 | 31 | 19 | 31 | 19 | 30 | 20 | 31 | 21 | 31 | 15 | 31 | 17 | 31 | 20 | 30 | 18 | 31 | 19 |
| 19 | 32 | 7 | 32 | 7 | 32 | 7 | 31 | 10 | 32 | 10 | 32 | 9 | 32 | 7 | 32 | 10 | 30 | 11 | 29 | 6 | 28 | 4 | 26 | 4 |
| 20 | 28 | 9 | 29 | 10 | 29 | 10 | 29 | 8 | 30 | 9 | 30 | 10 | 32 | 12 | 32 | 10 | 32 | 12 | 31 | 10 | 1 | 9 | 1 | 12 |
| 21 | — | 3 | — | 2 | — | 3 | 8 | 4 | 8 | 4 | — | 2 | — | 1 | — | 1 | 14 | 4 | 21 | 7 | 17 | 7 | 16 | 7 |
| 22 | 16 | 12 | 16 | 12 | 16 | 14 | 16 | 13 | 16 | 13 | 16 | 10 | 16 | 13 | 16 | 13 | 16 | 10 | 16 | 6 | 18 | 4 | 19 | 10 |
| 23 | 18 | 5 | 18 | 5 | 18 | 4 | 18 | 5 | 18 | 6 | 19 | 4 | 19 | 5 | 19 | 7 | 19 | 9 | 19 | 9 | 18 | 8 | 19 | 10 |
| 24 | 15 | 12 | 16 | 10 | 15 | 13 | 16 | 10 | 15 | 11 | 16 | 11 | 16 | 12 | 14 | 19 | 15 | 15 | 15 | 17 | 15 | 15 | 15 | 16 |
| 25 | 20 | 6 | 20 | 7 | 21 | 10 | 25 | 13 | 26 | 13 | 27 | 13 | 27 | 11 | 26 | 10 | 26 | 13 | 22 | 12 | 23 | 10 | 23 | 14 |
| 26 | — | 2 | 18 | 4 | 18 | 4 | 19 | 4 | 17 | 5 | 17 | 4 | 17 | 5 | 17 | 7 | 16 | 9 | 16 | 10 | 16 | 11 | 16 | 12 |
| 27 | 20 | 6 | 20 | 5 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 7 | 20 | 8 | 19 | 10 | 20 | 10 | 22 | 14 | 23 | 13 |
| 28 | 26 | 8 | 27 | 7 | — | 2 | — | 2 | — | 2 | — | 1 | — | 3 | 25 | 7 | 25 | 8 | 25 | 6 | 25 | 7 | 25 | 5 |
| 29 | — | 1 | — | 2 | 11 | 4 | 14 | 4 | 14 | 5 | 15 | 8 | 15 | 6 | 16 | 8 | 16 | 10 | 16 | 9 | 16 | 10 | 16 | 11 |
| 30 | 17 | 9 | 17 | 8 | 17 | 8 | 19 | 10 | 19 | 7 | 19 | 7 | 19 | 8 | 19 | 5 | 20 | 10 | 20 | 10 | 20 | 8 | 22 | 8 |
| 31 | 31 | 4 | 31 | 4 | — | 3 | — | 2 | 31 | 5 | — | 2 | — | 3 | — | 2 | — | 2 | 28 | 7 | 28 | 9 | 28 | 9 |
| Mean ... | — | 7 | — | 8 | — | 8 | — | 8 | — | 8 | — | 8 | — | 9 | — | 9 | — | 11 | — | 11 | — | 11 | — | 12 |
| Mean, 1881–1905. | — | 8·2 | — | 8·2 | — | 8·1 | — | 8·1 | — | 8·0 | — | 8·1 | — | 8·7 | — | 9·5 | — | 10·5 | — | 11·0 | — | 11·4 | — | 12·3 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of has been applied for friction. When the velocity is less than 4 miles per hour,

VALENCIA. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JULY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 01 | 01 | — | — | — | — | — | 03 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | 01 | — | 01 | — | — | 02 | — | — | — | — | — | — | 01 | — | — | — | — | — | 01 | 01 | — | — | 07 |
| 7 | 02 | 01 | — | 07 | 10 | 17 | 05 | 01 | 01 | — | — | — | 03 | 06 | 01 | 02 | 01 | — | 01 | 01 | 01 | — | — | — | 60 |
| 8 | — | — | — | — | — | 06 | 09 | — | — | — | 10 | 01 | 05 | 01 | 01 | — | — | — | — | — | — | — | 03 | — | 36 |
| 9 | — | 02 | — | — | — | — | — | — | — | — | — | — | 03 | 02 | 02 | — | — | — | 01 | 05 | 06 | — | — | — | 21 |
| 10 | — | 01 | — | 03 | 02 | 09 | 01 | 01 | — | 01 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 19 |
| 11 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 02 |
| 12 | — | — | — | 03 | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 14 | 04 | — | — | — | 04 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | 05 | 07 | 09 |
| 15 | — | — | — | — | — | 01 | 06 | 06 | 01 | 01 | 04 | 03 | — | — | — | — | — | — | — | — | 01 | — | 01 | — | 24 |
| 16 | — | — | 05 | 14 | 15 | 05 | 11 | 11 | 01 | 02 | 01 | — | 01 | — | — | — | 01 | — | 01 | — | — | 05 | — | — | 73 |
| 17 | 01 | — | — | 06 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 03 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 21 |
| 23 | — | — | — | — | — | — | — | 01 | 05 | 11 | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 24 | — | — | 03 | 07 | 03 | 01 | 06 | 04 | 01 | — | — | — | — | 01 | 12 | 05 | 07 | 03 | 01 | — | — | — | 01 | 01 | 55 |
| 25 | — | 01 | 01 | 01 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 07 | 04 | 02 | 15 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | 03 | 01 | 01 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 07 | 05 | 10 | 41 | 39 | 40 | 42 | 30 | 15 | 10 | 15 | 06 | 12 | 11 | 17 | 07 | 09 | 05 | 06 | 06 | 11 | 15 | 11 | 10 | 3·80 |
| Average 1871–1905. | ·170 | ·188 | ·200 | ·182 | ·172 | ·190 | ·201 | ·206 | ·213 | ·166 | ·134 | ·151 | ·133 | ·143 | ·138 | ·155 | ·157 | ·158 | ·158 | ·157 | ·149 | ·155 | ·152 | ·163 | 3·991 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JULY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 21 | 7 | 21 | 10 | 21 | 6 | 21 | 4 | 21 | 7 | 21 | 6 | — | 2 | — | 2 | — | 1 | — | 0 | — | 2 | 1 | 4 | 3 | 1 |
| 25 | 5 | 25 | 4 | — | 3 | 25 | 5 | 25 | 4 | — | 2 | — | 3 | — | 2 | — | 0 | — | 1 | — | 2 | — | 1 | 2 | 2 |
| 24 | 7 | 24 | 7 | 24 | 7 | 24 | 4 | 25 | 4 | — | 2 | — | 2 | — | 0 | — | 1 | — | 0 | — | 2 | 1 | 4 | 3 | 3 |
| 25 | 7 | 24 | 10 | 25 | 7 | 25 | 5 | 24 | 6 | 26 | 4 | 26 | 7 | 27 | 8 | 29 | 8 | 29 | 6 | — | 2 | 31 | 4 | 5 | 4 |
| 30 | 21 | 30 | 19 | 30 | 19 | 30 | 18 | 30 | 16 | 30 | 13 | 30 | 14 | 30 | 10 | 32 | 6 | 32 | 11 | 32 | 11 | 32 | 7 | 14 | 5 |
| 28 | 10 | 26 | 7 | 27 | 9 | 27 | 8 | 27 | 7 | 26 | 5 | 26 | 5 | 26 | 4 | — | 1 | — | 0 | — | 1 | — | 0 | 7 | 6 |
| 19 | 7 | 19 | 12 | 19 | 14 | 18 | 10 | 18 | 8 | 19 | 12 | 19 | 9 | 19 | 7 | 19 | 4 | 19 | 4 | 18 | 5 | 18 | 4 | 6 | 7 |
| 24 | 18 | 25 | 17 | 23 | 21 | 22 | 21 | 22 | 24 | 22 | 21 | 22 | 26 | 22 | 25 | 22 | 23 | 22 | 23 | 23 | 22 | 22 | 23 | 14 | 8 |
| 15 | 10 | 12 | 10 | 9 | 12 | 9 | 14 | 8 | 18 | 11 | 12 | 15 | 12 | 15 | 10 | 16 | 11 | 16 | 13 | 16 | 13 | 16 | 13 | 13 | 9 |
| 22 | 29 | 22 | 25 | 23 | 23 | 23 | 22 | 23 | 20 | 22 | 18 | 22 | 17 | 22 | 18 | 22 | 16 | 22 | 10 | 22 | 15 | 22 | 15 | 20 | 10 |
| 24 | 12 | 24 | 12 | 24 | 13 | 24 | 12 | 23 | 14 | 23 | 12 | 23 | 11 | 23 | 11 | 23 | 12 | 23 | 13 | 23 | 9 | 23 | 4 | 9 | 11 |
| 28 | 15 | 30 | 18 | 30 | 18 | 30 | 19 | 30 | 16 | 30 | 17 | 30 | 16 | 30 | 15 | 30 | 14 | 30 | 12 | 30 | 10 | 30 | 10 | 11 | 12 |
| 30 | 12 | 29 | 13 | 27 | 14 | 29 | 14 | 29 | 13 | 28 | 15 | 28 | 14 | 28 | 13 | 28 | 12 | 31 | 12 | 32 | 6 | 32 | 7 | 11 | 13 |
| 27 | 18 | 27 | 16 | 27 | 15 | 27 | 18 | 27 | 15 | 27 | 15 | 27 | 12 | 27 | 10 | 27 | 7 | 27 | 7 | 27 | 4 | — | 2 | 12 | 14 |
| 17 | 16 | 19 | 15 | 20 | 15 | 21 | 17 | 21 | 14 | 21 | 12 | 22 | 11 | 23 | 7 | 23 | 8 | 24 | 6 | 20 | 4 | 20 | 7 | 10 | 15 |
| 21 | 22 | 21 | 22 | 21 | 26 | 22 | 29 | 22 | 28 | 22 | 28 | 22 | 29 | 22 | 28 | 22 | 29 | 22 | 26 | 25 | 29 | 25 | 29 | 21 | 16 |
| 28 | 26 | 29 | 26 | 28 | 29 | 29 | 26 | 29 | 26 | 29 | 26 | 29 | 21 | 29 | 22 | 30 | 18 | 30 | 20 | 30 | 22 | 30 | 22 | 26 | 17 |
| 30 | 18 | 30 | 18 | 30 | 18 | 30 | 18 | 30 | 18 | 30 | 15 | 31 | 17 | 31 | 17 | 32 | 14 | 32 | 12 | 32 | 12 | 32 | 9 | 17 | 18 |
| 25 | 7 | 24 | 4 | — | 3 | 24 | 4 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | 25 | 4 | 27 | 6 | 27 | 9 | 6 | 19 |
| 29 | 15 | 30 | 17 | 29 | 17 | 29 | 17 | 29 | 20 | 29 | 16 | 29 | 17 | 29 | 14 | 29 | 4 | — | 2 | — | 2 | — | 2 | 11 | 20 |
| 16 | 9 | 16 | 8 | 19 | 9 | 21 | 10 | 20 | 9 | 19 | 10 | 16 | 12 | 16 | 12 | 16 | 9 | 16 | 8 | 16 | 10 | 16 | 12 | 7 | 21 |
| 19 | 10 | 20 | 9 | 22 | 9 | 22 | 11 | 22 | 10 | 22 | 10 | 22 | 11 | 22 | 10 | 22 | 4 | — | 3 | 18 | 4 | 18 | 4 | 9 | 22 |
| 20 | 10 | 20 | 10 | 20 | 9 | 20 | 8 | 20 | 7 | 20 | 9 | 17 | 8 | 17 | 7 | 15 | 8 | 13 | 12 | 14 | 12 | 15 | 12 | 8 | 23 |
| 16 | 17 | 16 | 17 | 16 | 17 | 16 | 18 | 16 | 15 | 19 | 10 | 19 | 10 | 17 | 9 | 17 | 10 | 17 | 10 | 18 | 7 | 19 | 7 | 13 | 24 |
| 23 | 15 | 24 | 15 | 24 | 16 | 24 | 13 | 24 | 11 | 24 | 12 | 24 | 11 | 24 | 5 | — | 3 | 24 | 4 | — | 3 | 18 | 4 | 10 | 25 |
| 16 | 12 | 16 | 12 | 16 | 13 | 16 | 13 | 16 | 13 | 16 | 14 | 16 | 13 | 16 | 12 | 16 | 14 | 15 | 14 | 16 | 14 | 20 | 10 | 10 | 26 |
| 23 | 15 | 23 | 15 | 23 | 12 | 24 | 13 | 24 | 13 | 24 | 12 | 24 | 11 | 25 | 10 | 26 | 8 | 26 | 10 | 26 | 10 | 26 | 10 | 10 | 27 |
| 25 | 5 | 25 | 7 | 25 | 7 | 25 | 8 | 25 | 8 | 25 | 7 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | 8 | 4 | 5 | 28 |
| 19 | 12 | 19 | 12 | 19 | 11 | 18 | 11 | 18 | 10 | 18 | 11 | 19 | 10 | 17 | 9 | 17 | 8 | 17 | 9 | 17 | 10 | 17 | 8 | 8 | 29 |
| 22 | 9 | 22 | 8 | 22 | 7 | 22 | 5 | 26 | 7 | 27 | 9 | 27 | 7 | 27 | 4 | — | 2 | 27 | 7 | 31 | 6 | 31 | 4 | 7 | 30 |
| 28 | 9 | 26 | 7 | 27 | 8 | 27 | 10 | 28 | 9 | 28 | 9 | 28 | 5 | 28 | 5 | — | 2 | 28 | 4 | — | 2 | — | 3 | 5 | 31 |
| — | 13 | — | 13 | — | 13 | — | 13 | — | 13 | — | 12 | — | 11 | — | 10 | — | 8 | — | 9 | — | 8 | — | 8 | 10 | |
| — | 12·9 | — | 13·1 | — | 13·1 | — | 12·7 | — | 12·5 | — | 11·9 | — | 10·9 | — | 9·7 | — | 8·9 | — | 8·4 | — | 8·2 | — | 8·3 | 10·1 | Mean, 1881–1905. |

the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction the direction is omitted, the record not being trustworthy in very light airs.

VALENCIA. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JULY, 1908

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | ·3 | 1·0 | ·8 | ·1 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | 11·3 | Fine, but hazy. |
| 2 | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·9 | 1·0 | 1·0 | 1·0 | ·1 | ·1 | — | 12·1 | ∞, fine day; ●°, distant T, P.M. |
| 3 | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | 14·5 | ∞, very fine and warm. |
| 4 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 14·0 | ∞, fine day; thundery appearance in evening. |
| 5 | — | ·7 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | ·5 | ·4 | — | — | — | — | 9·6 | Fair to dull. |
| 6 | — | — | — | — | — | ·05 | ·05 | ·9 | — | — | — | — | — | — | — | — | — | 1·0 | Dull and showery; ≈°. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and wet; ●² 4h.–6h.; ≈°. night. |
| 8 | — | — | — | ·1 | ·1 | ·5 | ·1 | ·3 | ·3 | ·5 | ·9 | ·6 | 1·0 | ·9 | ·9 | ·5 | — | 6·7 | Showery to fair; unsettled-looking at |
| 9 | — | ·05 | ·1 | ·4 | ·1 | ·05 | — | — | — | — | — | — | — | — | — | — | — | 0·7 | Fair at first, becoming dull later, with ● and ≈°. |
| 10 | — | — | — | — | — | ·05 | ·05 | ·05 | — | — | ·4 | ·8 | ·05 | — | ·1 | — | — | 1·5 | Gloomy day, with ●, ≈°, and 🌧; clearing |
| 11 | — | — | — | — | — | ·5 | ·1 | — | — | — | ·7 | ·5 | ·8 | ·7 | — | ·6 | ·1 | 4·0 | Dull to fair. somewhat 2h.–3h. |
| 12 | — | — | ·7 | ·6 | ·9 | ·8 | — | — | ·1 | ·8 | ·9 | ·9 | ·1 | — | — | — | — | 5·8 | Cloudy to fair; ● at 4h. and 12h. |
| 13 | — | — | ·3 | 1·0 | ·6 | ·4 | ·7 | ·05 | ·05 | ·9 | ·5 | ·6 | ·8 | 1·0 | ·1 | — | — | 7·0 | Day generally fair; unsettled later. |
| 14 | — | — | ·4 | ·1 | 1·0 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·2 | ·4 | ·3 | 10·7 | ● early, then fine; good visibility. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day, with ● and heavy mist. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●², ≈°, 🌧; overcast day, clearing a |
| 17 | — | — | — | — | — | — | — | — | ·05 | ·05 | ·3 | ·1 | — | — | — | — | — | 0·5 | Squally day, with ● at 4h. little P.M. |
| 18 | — | — | — | — | ·8 | ·9 | ·1 | — | ·3 | ·2 | — | ·6 | ·7 | ·6 | — | — | — | 4·2 | Dull to fair. |
| 19 | — | ·1 | ·1 | ·4 | ·6 | ·5 | — | ·1 | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | 6·4 | Fair to dull; ≈° at night. |
| 20 | — | — | ·2 | ·8 | 1·0 | 1·0 | 1·0 | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | 12·4 | Fine day, with clear atmosphere. |
| 21 | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | 14·1 | ☾, fine and bright. |
| 22 | — | — | — | — | — | — | — | — | ·4 | 1·0 | ·5 | ·2 | ·3 | ·1 | — | — | — | 2·5 | A.M. ≈° and ●; P.M. clearing. |
| 23 | — | — | — | ·1 | — | ·05 | ·3 | ·1 | ·05 | — | ·6 | ·6 | ·9 | ·8 | ·2 | — | — | 3·7 | Dull day, brightening a little in afternoon. |
| 24 | — | — | — | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | — | 0·4 | Gloomy and misty day, with ●. clearing. |
| 25 | — | — | — | — | — | — | ·3 | ·1 | 1·0 | ·5 | ·6 | ·6 | ·6 | 1·0 | ·9 | ·1 | — | 5·7 | Dull at first, with ≈° and ●°, then |
| 26 | — | — | — | ·05 | — | ·05 | ·3 | ·1 | ·6 | ·3 | ·5 | ·8 | ·5 | — | — | — | — | 3·2 | Dull day, with ● after 21h. |
| 27 | — | — | — | — | ·2 | — | ·1 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | ·2 | — | 7·8 | Overcast and misty to fair. |
| 28 | — | — | — | ·05 | ·5 | ·1 | — | ·05 | ·7 | — | ·6 | 1·0 | 1·0 | 1·0 | ·3 | — | — | 5·3 | Dull to fine 14h.–18h., then cloudy. |
| 29 | — | — | ·4 | — | ·4 | 1·0 | ·3 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 10·0 | Fair to fine day, heavy-looking at night. |
| 30 | — | — | — | — | — | — | — | — | ·05 | — | ·1 | — | ·1 | ·3 | ·7 | ·05 | — | 1·3 | Overcast and misty all day; ●° A.M. |
| 31 | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | 14·3 | Fine all day, becoming dull in evening. |
| | — | 4·45 | 9·2 | 11·3 | 12·4 | 12·4 | 13·2 | 11·45 | 14·0 | 14·35 | 17·55 | 18·6 | 18·15 | 17·6 | 12·8 | 6·65 | 0·6 | 194·7 | Total. |
| | 0·13 | 3·22 | 6·69 | 8·15 | 9·27 | 10·70 | 11·77 | 12·40 | 13·12 | 12·89 | 13·21 | 13·08 | 12·50 | 11·69 | 9·28 | 5·55 | 0·50 | 154·15 | Mean Total, 1881–1905. |

## TABLE VI.

VALENCIA. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JULY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·1 | 58·3 | 57·5 | 56·6 | 57·2 | 55·9 | 57·5 | 58·7 | 61·3 | 64·7 | 63·7 | 66·9 | 66·8 | 67·9 | 66·2 | 67·4 | 68·1 | 68·3 | 64·9 | 64·8 | 63·0 | 62·1 | 59·9 | 59·2 | 57·9 | 62·3 |
| 2 | 57·9 | 57·3 | 57·3 | 56·7 | 56·2 | 56·4 | 57·4 | 60·9 | 64·4 | 67·9 | 70·3 | 69·9 | 70·4 | 71·9 | 71·9 | 73·0 | 74·3 | 76·2 | 73·4 | 70·6 | 68·9 | 66·6 | 65·1 | 65·4 | 63·7 | 65·9 |
| 3 | 63·7 | 62·8 | 61·0 | 60·7 | 60·1 | 59·2 | 60·6 | 64·4 | 66·4 | 68·7 | 70·8 | 70·9 | 72·2 | 71·9 | 71·4 | 72·2 | 73·3 | 74·4 | 71·7 | 70·1 | 69·1 | 65·4 | 63·1 | 61·9 | 60·4 | 66·9 |
| 4 | 60·4 | 60·1 | 58·5 | 57·3 | 56·3 | 56·9 | 60·9 | 61·7 | 65·3 | 67·8 | 69·1 | 69·2 | 70·2 | 70·5 | 70·9 | 69·1 | 70·7 | 71·5 | 69·2 | 67·7 | 63·8 | 62·4 | 61·7 | 61·9 | 61·6 | 64·7 |
| 5 | 61·6 | 61·6 | 60·6 | 60·0 | 60·1 | 59·5 | 59·5 | 60·3 | 61·0 | 61·8 | 61·9 | 61·7 | 61·3 | 62·6 | 62·2 | 61·9 | 61·3 | 60·7 | 59·7 | 58·7 | 57·5 | 57·5 | 57·8 | 58·0 | 57·5 | 56·3 | 60·3 |
| 6 | 56·3 | 56·4 | 55·9 | 55·5 | 56·1 | 56·7 | 56·4 | 56·8 | 55·4 | 56·8 | 57·3 | 58·5 | 60·2 | 59·0 | 59·8 | 58·1 | 57·4 | 58·3 | 58·0 | 57·9 | 57·3 | 57·2 | 57·3 | 57·1 | 56·9 | 57·4 |
| 7 | 56·9 | 56·5 | 56·3 | 56·2 | 56·3 | 56·7 | 56·8 | 57·0 | 58·9 | 60·4 | 60·2 | 63·4 | 62·2 | 61·7 | 61·3 | 61·4 | 60·6 | 60·6 | 60·0 | 59·8 | 58·7 | 58·4 | 57·5 | 57·4 | 57·2 | 59·0 |
| 8 | 57·2 | 56·9 | 56·2 | 56·1 | 55·5 | 55·4 | 56·2 | 54·8 | 56·4 | 58·3 | 59·1 | 57·8 | 59·7 | 59·6 | 60·4 | 61·7 | 61·4 | 62·0 | 61·0 | 59·8 | 58·8 | 57·9 | 57·3 | 56·4 | 56·8 | 58·2 |
| 9 | 56·8 | 56·9 | 57·1 | 56·4 | 56·3 | 55·6 | 56·5 | 57·6 | 59·4 | 60·4 | 60·9 | 60·2 | 60·9 | 59·7 | 58·6 | 58·1 | 59·6 | 59·8 | 60·4 | 60·7 | 60·4 | 60·4 | 60·3 | 60·0 | 59·3 | 58·9 |
| 10 | 59·3 | 58·9 | 58·1 | 57·0 | 56·0 | 55·9 | 56·6 | 57·3 | 57·5 | 57·8 | 58·6 | 59·1 | 59·4 | 59·0 | 58·4 | 60·4 | 61·3 | 59·4 | 58·0 | 57·2 | 56·7 | 56·4 | 55·7 | 56·0 | 55·9 | 57·8 |
| 11 | 55·9 | 55·7 | 55·2 | 55·2 | 54·5 | 54·8 | 54·9 | 55·6 | 55·8 | 57·2 | 56·6 | 61·3 | 60·3 | 60·9 | 59·9 | 62·7 | 62·5 | 62·2 | 61·0 | 57·7 | 57·5 | 56·4 | 55·5 | 53·8 | 52·6 | 57·6 |
| 12 | 52·6 | 52·4 | 54·8 | 55·1 | 55·3 | 54·9 | 55·6 | 58·2 | 58·7 | 61·5 | 61·8 | 61·1 | 58·6 | 60·0 | 60·2 | 60·7 | 60·8 | 59·3 | 58·1 | 57·4 | 56·5 | 55·9 | 55·6 | 55·8 | 55·4 | 57·6 |
| 13 | 55·4 | 54·6 | 53·9 | 52·9 | 52·9 | 52·5 | 53·2 | 54·9 | 55·4 | 56·9 | 57·1 | 57·8 | 56·9 | 57·2 | 59·2 | 59·7 | 58·4 | 59·9 | 58·3 | 56·8 | 56·0 | 55·7 | 54·0 | 52·9 | 52·5 | 55·9 |
| 14 | 52·5 | 51·9 | 52·5 | 53·3 | 53·1 | 51·9 | 52·3 | 53·1 | 54·6 | 56·9 | 57·4 | 57·9 | 58·7 | 58·2 | 58·9 | 58·9 | 58·6 | 61·2 | 58·7 | 57·2 | 56·7 | 54·9 | 54·1 | 53·5 | 51·2 | 55·7 |
| 15 | 51·2 | 49·5 | 48·2 | 47·9 | 48·5 | 52·4 | 53·5 | 55·0 | 54·8 | 55·1 | 56·2 | 56·2 | 56·9 | 57·5 | 58·3 | 59·5 | 59·1 | 58·9 | 58·7 | 57·9 | 57·5 | 56·7 | 56·3 | 55·9 | 56·4 | 55·2 |
| 16 | 56·4 | 56·8 | 56·6 | 56·3 | 55·5 | 55·8 | 58·0 | 59·2 | 59·7 | 60·5 | 60·4 | 60·1 | 60·9 | 60·8 | 61·6 | 61·2 | 61·1 | 59·7 | 57·4 | 57·3 | 57·4 | 57·7 | 57·0 | 56·6 | 56·5 | 58·5 |
| 17 | 56·5 | 55·7 | 55·5 | 55·5 | 55·9 | 55·2 | 55·0 | 56·3 | 56·1 | 57·1 | 57·9 | 58·3 | 58·4 | 58·1 | 59·5 | 59·0 | 57·3 | 57·9 | 57·4 | 56·7 | 56·6 | 56·1 | 55·9 | 55·7 | 55·5 | 56·8 |
| 18 | 55·5 | 55·6 | 55·4 | 55·7 | 55·0 | 55·0 | 54·4 | 54·5 | 54·2 | 56·2 | 55·7 | 57·3 | 56·9 | 57·2 | 57·3 | 57·4 | 58·6 | 59·2 | 57·7 | 56·9 | 54·8 | 54·5 | 53·9 | 52·9 | 52·6 | 55·8 |
| 19 | 52·6 | 52·3 | 51·5 | 51·8 | 52·5 | 52·4 | 53·4 | 55·4 | 55·7 | 55·9 | 57·7 | 59·0 | 61·8 | 60·9 | 62·0 | 61·4 | 60·8 | 60·3 | 60·0 | 59·4 | 58·9 | 58·6 | 58·4 | 58·2 | 57·8 | 57·2 |
| 20 | 57·8 | 57·7 | 57·3 | 57·4 | 56·8 | 56·1 | 55·9 | 56·5 | 57·9 | 59·6 | 59·7 | 61·2 | 60·9 | 60·4 | 60·8 | 60·9 | 61·3 | 61·0 | 59·5 | 59·0 | 57·1 | 56·7 | 54·4 | 52·9 | 52·1 | 58·2 |
| 21 | 52·1 | 50·8 | 48·7 | 48·2 | 47·3 | 46·5 | 48·8 | 52·3 | 56·7 | 61·7 | 60·6 | 63·9 | 64·9 | 65·9 | 65·9 | 65·2 | 64·9 | 66·0 | 61·8 | 58·5 | 55·9 | 55·5 | 55·2 | 55·4 | 55·7 | 57·3 |
| 22 | 55·7 | 56·0 | 55·8 | 56·1 | 56·0 | 56·0 | 56·5 | 57·4 | 57·7 | 58·6 | 59·9 | 61·9 | 61·4 | 61·5 | 62·9 | 63·1 | 63·2 | 62·8 | 61·4 | 59·7 | 58·5 | 56·6 | 55·8 | 55·4 | 54·8 | 58·6 |
| 23 | 54·5 | 54·2 | 54·2 | 54·6 | 54·6 | 55·6 | 56·2 | 57·4 | 58·5 | 59·7 | 60·7 | 62·9 | 63·3 | 64·2 | 63·6 | 65·2 | 64·5 | 65·8 | 63·2 | 61·6 | 59·5 | 59·1 | 58·8 | 58·9 | 58·8 | 59·7 |
| 24 | 58·8 | 59·6 | 59·5 | 59·9 | 60·0 | 59·9 | 59·9 | 60·6 | 60·2 | 60·7 | 62·8 | 62·8 | 62·4 | 62·8 | 61·9 | 61·9 | 60·2 | 60·9 | 59·8 | 60·0 | 59·6 | 59·8 | 59·8 | 59·3 | 58·9 | 60·5 |
| 25 | 58·6 | 58·9 | 58·8 | 58·2 | 57·3 | 56·5 | 55·2 | 54·8 | 57·5 | 57·9 | 57·7 | 60·9 | 60·9 | 61·2 | 61·9 | 61·7 | 61·1 | 62·8 | 61·2 | 60·0 | 58·4 | 56·9 | 56·4 | 56·7 | 56·2 | 58·8 |
| 26 | 56·2 | 56·0 | 56·1 | 56·1 | 55·5 | 55·8 | 56·3 | 57·3 | 59·2 | 60·6 | 61·3 | 63·7 | 63·4 | 65·0 | 65·8 | 65·5 | 66·4 | 65·0 | 61·5 | 60·9 | 60·1 | 59·5 | 58·3 | 58·8 | 58·4 | 60·2 |
| 27 | 58·4 | 57·7 | 54·8 | 55·1 | 53·6 | 52·9 | 54·4 | 56·0 | 58·7 | 60·9 | 60·8 | 61·4 | 62·8 | 63·5 | 62·9 | 63·1 | 62·4 | 63·1 | 62·4 | 60·7 | 58·9 | 57·9 | 58·0 | 57·9 | 57·5 | 59·1 |
| 28 | 57·5 | 57·4 | 55·7 | 54·6 | 54·8 | 55·5 | 55·7 | 57·3 | 58·6 | 59·9 | 60·9 | 62·7 | 63·0 | 64·3 | 63·0 | 63·8 | 64·1 | 63·9 | 62·0 | 60·3 | 58·7 | 56·9 | 55·8 | 53·9 | 52·4 | 59·1 |
| 29 | 52·4 | 52·9 | 54·4 | 55·3 | 56·2 | 56·8 | 57·2 | 58·0 | 60·4 | 62·4 | 64·1 | 64·9 | 65·9 | 65·9 | 65·2 | 64·9 | 65·8 | 67·7 | 64·8 | 63·3 | 60·0 | 59·1 | 59·5 | 60·3 | 60·4 | 61·0 |
| 30 | 60·4 | 60·5 | 59·9 | 60·6 | 60·4 | 60·5 | 60·5 | 60·9 | 61·2 | 62·1 | 62·8 | 64·1 | 64·4 | 64·8 | 63·4 | 65·3 | 65·2 | 62·9 | 61·3 | 60·9 | 59·0 | 58·4 | 58·4 | 58·5 | 58·3 | 61·5 |
| 31 | 58·3 | 58·0 | 57·9 | 56·7 | 57·5 | 56·6 | 56·3 | 57·1 | 59·5 | 61·5 | 62·0 | 62·1 | 62·1 | 64·0 | 64·9 | 64·5 | 63·5 | 65·6 | 62·8 | 62·3 | 60·7 | 58·8 | 58·2 | 59·6 | 59·4 | 60·5 |
| Mean ... | 56·7 | 56·4 | 56·0 | 55·8 | 55·6 | 55·5 | 56·2 | 57·4 | 58·6 | 60·2 | 60·8 | 61·9 | 62·2 | 62·5 | 62·6 | 62·9 | 62·8 | 63·2 | 61·5 | 60·4 | 59·1 | 58·2 | 57·6 | 57·3 | 56·7 | 59·2 |
| Mean, 1871–1905. | 56·7 | 56·5 | 56·2 | 56·1 | 55·9 | 55·9 | 56·3 | 57·4 | 58·4 | 59·5 | 60·3 | 61·1 | 61·5 | 62·0 | 62·1 | 62·3 | 62·1 | 61·9 | 61·0 | 60·2 | 59·1 | 58·0 | 57·4 | 57·0 | 56·7 | 58·9 |

## TABLE VII.

VALENCIA. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JULY, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 92 | 91 | 93 | 93 | 91 | 95 | 94 | 93 | 86 | 82 | 84 | 80 | 80 | 80 | 81 | 81 | 78 | 77 | 85 | 84 | 87 | 90 | 93 | 95 | 96 | 87·0 |
| 2 | 96 | 95 | 95 | 93 | 97 | 95 | 96 | 94 | 88 | 83 | 78 | 81 | 80 | 78 | 75 | 79 | 74 | 67 | 72 | 83 | 87 | 89 | 92 | 84 | 89 | 85·3 |
| 3 | 89 | 91 | 92 | 93 | 93 | 95 | 93 | 88 | 83 | 78 | 79 | 77 | 78 | 78 | 76 | 73 | 67 | 64 | 66 | 67 | 77 | 83 | 93 | 84 | 91 | 81·8 |
| 4 | 91 | 91 | 94 | 92 | 95 | 95 | 93 | 90 | 87 | 83 | 82 | 84 | 82 | 83 | 83 | 84 | 80 | 78 | 80 | 83 | 91 | 91 | 94 | 94 | 92 | 87·5 |
| 5 | 92 | 92 | 93 | 94 | 92 | 89 | 90 | 85 | 82 | 81 | 80 | 79 | 79 | 74 | 78 | 79 | 75 | 77 | 76 | 82 | 84 | 83 | 79 | 82 | 86 | 83·0 |
| 6 | 86 | 84 | 89 | 91 | 96 | 97 | 98 | 99 | 99 | 98 | 97 | 93 | 92 | 95 | 97 | 97 | 97 | 95 | 96 | 96 | 96 | 96 | 97 | 96 | 97 | 96·3 |
| 7 | 95 | 95 | 97 | 96 | 96 | 96 | 96 | 95 | 93 | 92 | 87 | 93 | 94 | 88 | 83 | 78 | 85 | 75 | 76 | 77 | 80 | 82 | 90 | 86 | 88 | 88·0 |
| 8 | 97 | 96 | 97 | 96 | 96 | 96 | 96 | 96 | 95 | 93 | 92 | 87 | 93 | 94 | 88 | 83 | 78 | 85 | 75 | 76 | 76 | 77 | 80 | 82 | 90 | 86 |
| 9 | 86 | 85 | 84 | 90 | 92 | 93 | 92 | 87 | 83 | 79 | 79 | 84 | 85 | 88 | 89 | 89 | 83 | 84 | 85 | 92 | 97 | 98 | 98 | 96 | 98 | 88·5 |
| 10 | 96 | 93 | 88 | 89 | 92 | 93 | 95 | 96 | 96 | 92 | 94 | 89 | 88 | 90 | 89 | 85 | 81 | 84 | 84 | 85 | 84 | 84 | 87 | 86 | 87 | 89·0 |
| 11 | 87 | 88 | 90 | 90 | 92 | 90 | 92 | 88 | 87 | 87 | 88 | 84 | 80 | 79 | 78 | 74 | 75 | 74 | 78 | 84 | 86 | 89 | 87 | 86 | 91 | 84·8 |
| 12 | 91 | 90 | 88 | 91 | 93 | 96 | 95 | 90 | 91 | 85 | 83 | 86 | 90 | 86 | 84 | 82 | 78 | 79 | 83 | 81 | 83 | 88 | 86 | 84 | 83 | 86·6 |
| 13 | 83 | 85 | 85 | 87 | 90 | 89 | 83 | 83 | 75 | 71 | 69 | 72 | 70 | 73 | 63 | 73 | 73 | 67 | 74 | 72 | 75 | 77 | 86 | 86 | 85 | 77·7 |
| 14 | 85 | 89 | 83 | 82 | 84 | 91 | 81 | 83 | 81 | 76 | 75 | 72 | 75 | 73 | 72 | 73 | 71 | 66 | 67 | 69 | 74 | 76 | 79 | 82 | 91 | 77·5 |
| 15 | 91 | 92 | 91 | 93 | 94 | 91 | 90 | 96 | 95 | 91 | 96 | 96 | 97 | 97 | 97 | 98 | 97 | 98 | 97 | 97 | 98 | 94 | 97 | 98 | 98 | 95·1 |
| 16 | 98 | 96 | 95 | 95 | 97 | 99 | 98 | 99 | 97 | 97 | 98 | 98 | 98 | 99 | 91 | 88 | 84 | 84 | 93 | 93 | 92 | 90 | 95 | 90 | 88 | 94·1 |
| 17 | 88 | 92 | 88 | 87 | 86 | 90 | 87 | 84 | 85 | 84 | 82 | 80 | 80 | 81 | 79 | 77 | 81 | 78 | 78 | 80 | 79 | 79 | 81 | 81 | 83 | 82·7 |
| 18 | 83 | 78 | 81 | 76 | 79 | 80 | 87 | 87 | 93 | 84 | 83 | 83 | 80 | 85 | 79 | 83 | 77 | 75 | 81 | 80 | 85 | 87 | 96 | 86 | 86 | 82·4 |
| 19 | 86 | 83 | 88 | 86 | 84 | 85 | 83 | 81 | 76 | 79 | 76 | 78 | 77 | 81 | 79 | 84 | 90 | 94 | 95 | 96 | 98 | 97 | 97 | 98 | 98 | 86·5 |
| 20 | 98 | 97 | 98 | 96 | 98 | 97 | 97 | 93 | 90 | 84 | 82 | 79 | 76 | 81 | 81 | 81 | 80 | 78 | 78 | 80 | 85 | 82 | 90 | 92 | 91 | 87·0 |
| 21 | 91 | 93 | 96 | 95 | 96 | 96 | 93 | 91 | 88 | 79 | 85 | 79 | 77 | 77 | 73 | 76 | 76 | 69 | 78 | 84 | 90 | 92 | 91 | 93 | 93 | 85·8 |
| 22 | 93 | 94 | 95 | 96 | 98 | 99 | 97 | 97 | 97 | 93 | 98 | 98 | 97 | 96 | 91 | 85 | 81 | 83 | 84 | 87 | 91 | 92 | 93 | 93 | 93 | 92·5 |
| 23 | 93 | 93 | 94 | 93 | 94 | 95 | 94 | 93 | 90 | 84 | 84 | 81 | 79 | 76 | 79 | 75 | 75 | 72 | 77 | 82 | 87 | 85 | 90 | 92 | 94 | 85·8 |
| 24 | 94 | 94 | 96 | 96 | 98 | 98 | 98 | 98 | 97 | 97 | 95 | 95 | 95 | 91 | 94 | 95 | 97 | 98 | 97 | 98 | 95 | 96 | 96 | 97 | 98 | 96·1 |
| 25 | 98 | 98 | 98 | 99 | 98 | 95 | 96 | 92 | 86 | 78 | 88 | 80 | 73 | 79 | 81 | 76 | 78 | 73 | 80 | 78 | 84 | 87 | 90 | 89 | 90 | 86·3 |
| 26 | 90 | 91 | 90 | 90 | 90 | 90 | 91 | 90 | 86 | 80 | 80 | 77 | 77 | 77 | 76 | 76 | 76 | 79 | 84 | 85 | 88 | 93 | 96 | 96 | 97 | 85·5 |
| 27 | 97 | 94 | 94 | 93 | 94 | 95 | 94 | 96 | 92 | 88 | 82 | 83 | 81 | 80 | 78 | 80 | 74 | 76 | 79 | 81 | 85 | 84 | 85 | 86 | 86 | 86·0 |
| 28 | 86 | 87 | 87 | 90 | 88 | 87 | 89 | 87 | 82 | 70 | 67 | 70 | 70 | 65 | 70 | 68 | 71 | 69 | 72 | 81 | 85 | 87 | 89 | 91 | 91 | 79·6 |
| 29 | 91 | 92 | 92 | 93 | 93 | 92 | 91 | 91 | 88 | 82 | 80 | 80 | 79 | 79 | 78 | 79 | 78 | 72 | 81 | 82 | 88 | 92 | 93 | 91 | 93 | 85·8 |
| 30 | 93 | 92 | 96 | 95 | 97 | 97 | 97 | 97 | 98 | 98 | 97 | 94 | 92 | 90 | 96 | 87 | 89 | 88 | 85 | 82 | 87 | 90 | 87 | 87 | 90 | 92·0 |
| 31 | 90 | 90 | 91 | 93 | 94 | 91 | 90 | 90 | 88 | 86 | 82 | 80 | 77 | 79 | 76 | 77 | 75 | 73 | 68 | 74 | 78 | 83 | 89 | 91 | 86 | 88 | 83·3 |
| Mean ... | 91·2 | 91·0 | 91·5 | 91·7 | 92·6 | 93·0 | 92·2 | 91·0 | 88·9 | 85·2 | 84·2 | 83·5 | 82·5 | 82·5 | 81·5 | 81·3 | 80·1 | 78·4 | 81·4 | 83·3 | 86·5 | 87·9 | 89·7 | 90·0 | 91·0 | 86·7 |
| Mean, 1886–1905. | 87·7 | 88·0 | 88·1 | 88·7 | 88·7 | 89·3 | 88·6 | 87·1 | 84·9 | 82·6 | 80·5 | 78·7 | 78·1 | 77·3 | 77·0 | 76·6 | 76·7 | 76·4 | 78·5 | 80·7 | 83·2 | 85·6 | 86·8 | 87·4 | 87·9 | 83·2 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. JULY, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

ABERDEEN. DAILY EXTREMES OF PRESSURE AND TEMPERATURE. JULY, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·289 | 0·254 | 65·4 | 52·2 | 9 | 9·707 | 9·561 | 56·1 | 50·2 | 17 | 9·446 | **9·058** | 57·7 | 52·0 | 25 | 9·829 | 9·721 | 65·0 | 56·2 |
| 2 | 0·273 | 0·252 | 66·4 | 54·3 | 10 | 9·693 | 9·359 | 56·1 | 52·1 | 18 | 0·031 | 9·446 | 54·9 | 49·5 | 26 | 0·010 | 9·827 | 62·6 | 54·1 |
| 3 | 0·252 | 0·053 | 61·5 | 53·2 | 11 | 9·361 | 9·280 | 66·2 | 52·8 | 19 | 0·092 | 9·996 | 54·3 | 47·6 | 27 | 0·010 | 9·935 | 63·2 | 52·6 |
| 4 | 0·053 | 9·975 | 59·2 | 51·2 | 12 | 9·557 | 9·266 | 58·6 | 52·3 | 20 | 0·091 | 9·993 | 64·5 | 48·1 | 28 | 0·292 | 9·953 | 67·9 | 50·3 |
| 5 | 0·009 | 9·982 | 58·2 | 44·3 | 13 | 9·648 | 9·552 | 54·7 | 49·4 | 21 | 0·091 | 9·921 | 63·3 | 46·3 | 29 | **0·319** | 0·048 | 63·1 | 47·3 |
| 6 | 0·006 | 9·885 | 57·4 | **40·8** | 14 | 9·701 | 9·609 | 55·4 | 47·8 | 22 | 9·921 | 9·809 | **71·8** | 56·4 | 30 | 0·052 | 9·991 | 66·3 | 54·4 |
| 7 | 9·885 | 9·792 | 54·4 | 47·6 | 15 | 9·715 | 9·595 | 56·6 | 47·2 | 23 | 9·934 | 9·811 | 69·1 | 54·6 | 31 | 0·101 | 9·991 | 62·2 | 52·2 |
| 8 | 9·795 | 9·584 | 55·3 | 46·6 | 16 | 9·595 | 9·121 | 65·2 | 51·6 | 24 | 9·935 | 9·783 | 64·7 | 57·4 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 61·2 | 50·7 |

## TABLE II.

ABERDEEN. PRESSURE IN ENGLISH INCHES, First figure omitted. JULY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·280 | 0·281 | 0·276 | 0·269 | 0·274 | 0·276 | 0·279 | 0·282 | 0·287 | 0·287 | 0·285 | 0·287 | 0·286 | 0·282 | 0·276 | 0·266 | 0·260 | 0·254 | 0·259 | 0·258 | 0·264 | 0·263 | 0·268 | 0·270 | 0·272 | 0·274 |
| 2 | 0·272 | 0·271 | 0·268 | 0·260 | 0·263 | 0·265 | 0·266 | 0·267 | 0·271 | 0·272 | 0·272 | 0·272 | 0·267 | 0·262 | 0·269 | 0·262 | 0·253 | 0·256 | 0·263 | 0·254 | 0·260 | 0·267 | 0·257 | 0·252 | 0·252 | 0·264 |
| 3 | 0·252 | 0·243 | 0·232 | 0·224 | 0·223 | 0·223 | 0·218 | 0·224 | 0·218 | 0·214 | 0·202 | 0·188 | 0·181 | 0·171 | 0·165 | 0·151 | 0·142 | 0·129 | 0·126 | 0·114 | 0·103 | 0·090 | 0·085 | 0·069 | 0·053 | 0·171 |
| 4 | 0·053 | 0·043 | 0·034 | 0·026 | 0·017 | 0·006 | 0·014 | 0·011 | 0·013 | 0·013 | 0·015 | 0·015 | 0·014 | 0·011 | 0·009 | 9·995 | 9·992 | 9·978 | 9·978 | 9·982 | 9·986 | 9·992 | 9·996 | 9·997 | 9·997 | 0·007 |
| 5 | 9·997 | 9·991 | 9·987 | 9·982 | 9·985 | 9·991 | 0·003 | 0·008 | 0·001 | 0·005 | 0·004 | 9·997 | 9·997 | 9·997 | 0·001 | 9·998 | 9·999 | 9·992 | 9·995 | 9·998 | 0·006 | 0·005 | 0·007 | 0·007 | 0·006 | 9·997 |
| 6 | 0·000 | 0·000 | 9·992 | 9·986 | 9·981 | 9·979 | 9·977 | 9·971 | 9·969 | 9·961 | 9·947 | 9·937 | 9·943 | 9·939 | 9·935 | 9·929 | 9·919 | 9·911 | 9·909 | 9·901 | 9·902 | 9·897 | 9·894 | 9·894 | 9·885 | 9·943 |
| 7 | 9·885 | 9·866 | 9·863 | 9·851 | 9·849 | 9·836 | 9·835 | 9·821 | 9·820 | 9·819 | 9·817 | 9·813 | 9·811 | 9·810 | 9·805 | 9·804 | 9·803 | 9·801 | 9·801 | 9·795 | 9·799 | 9·797 | 9·799 | 9·799 | 9·795 | 9·819 |
| 8 | 9·795 | 9·784 | 9·784 | 9·779 | 9·763 | 9·760 | 9·756 | 9·748 | 9·746 | 9·744 | 9·730 | 9·721 | 9·715 | 9·702 | 9·691 | 9·675 | 9·662 | 9·646 | 9·641 | 9·619 | 9·611 | 9·605 | 9·603 | 9·592 | 9·584 | 9·698 |
| 9 | 9·584 | 9·578 | 9·571 | 9·565 | 9·567 | 9·579 | 9·579 | 9·587 | 9·598 | 9·605 | 9·619 | 9·632 | 9·641 | 9·655 | 9·667 | 9·671 | 9·673 | 9·676 | 9·684 | 9·677 | 9·690 | 9·699 | 9·707 | 9·699 | 9·693 | 9·635 |
| 10 | 9·693 | 9·682 | 9·670 | 9·657 | 9·638 | 9·622 | 9·619 | 9·605 | 9·596 | 9·573 | 9·571 | 9·556 | 9·541 | 9·513 | 9·492 | 9·476 | 9·450 | 9·424 | 9·417 | 9·401 | 9·389 | 9·378 | 9·377 | 9·362 | 9·359 | 9·522 |
| 11 | 9·359 | 9·344 | 9·340 | 9·329 | 9·322 | 9·321 | 9·329 | 9·335 | 9·338 | 9·341 | 9·346 | 9·352 | 9·358 | 9·346 | 9·343 | 9·339 | 9·334 | 9·330 | 9·326 | 9·318 | 9·304 | 9·299 | 9·293 | 9·283 | 9·280 | 9·329 |
| 12 | 9·280 | 9·276 | 9·272 | 9·268 | 9·275 | 9·282 | 9·300 | 9·324 | 9·352 | 9·372 | 9·391 | 9·402 | 9·416 | 9·441 | 9·473 | 9·489 | 9·499 | 9·497 | 9·502 | 9·516 | 9·530 | 9·548 | 9·552 | 9·555 | 9·557 | 9·415 |
| 13 | 9·557 | 9·564 | 9·564 | 9·558 | 9·563 | 9·565 | 9·572 | 9·579 | 9·586 | 9·586 | 9·596 | 9·604 | 9·609 | 9·624 | 9·628 | 9·630 | 9·631 | 9·628 | 9·628 | 9·629 | 9·631 | 9·639 | 9·646 | 9·648 | 9·645 | 9·605 |
| 14 | 9·645 | 9·639 | 9·629 | 9·622 | 9·615 | 9·614 | 9·613 | 9·610 | 9·609 | 9·613 | 9·613 | 9·612 | 9·612 | 9·618 | 9·634 | 9·634 | 9·642 | 9·649 | 9·652 | 9·659 | 9·679 | 9·692 | 9·701 | 9·699 | 9·700 | 9·639 |
| 15 | 9·700 | 9·698 | 9·704 | 9·698 | 9·702 | 9·700 | 9·706 | 9·711 | 9·699 | 9·693 | 9·692 | 9·690 | 9·696 | 9·688 | 9·687 | 9·677 | 9·663 | 9·651 | 9·640 | 9·624 | 9·623 | 9·617 | 9·615 | 9·606 | 9·595 | 9·672 |
| 16 | 9·595 | 9·575 | 9·569 | 9·556 | 9·543 | 9·522 | 9·510 | 9·502 | 9·489 | 9·474 | 9·456 | 9·436 | 9·423 | 9·415 | 9·403 | 9·382 | 9·359 | 9·341 | 9·320 | 9·288 | 9·251 | 9·207 | 9·176 | 9·152 | 9·121 | 9·405 |
| 17 | 9·121 | 9·104 | 9·086 | 9·068 | 9·062 | 9·058 | 9·062 | 9·070 | 9·081 | 9·090 | 9·105 | 9·118 | 9·136 | 9·159 | 9·178 | 9·195 | 9·212 | 9·240 | 9·276 | 9·309 | 9·347 | 9·380 | 9·408 | 9·430 | 9·446 | 9·186 |
| 18 | 9·446 | 9·479 | 9·496 | 9·531 | 9·561 | 9·590 | 9·622 | 9·651 | 9·683 | 9·707 | 9·735 | 9·764 | 9·790 | 9·817 | 9·841 | 9·859 | 9·878 | 9·900 | 9·920 | 9·939 | 9·979 | 9·994 | 0·003 | 0·016 | 0·031 | 9·770 |
| 19 | 0·031 | 0·046 | 0·054 | 0·063 | 0·064 | 0·066 | 0·076 | 0·084 | 0·082 | 0·087 | 0·087 | 0·079 | 0·072 | 0·071 | 0·054 | 0·043 | 0·039 | 0·031 | 0·016 | 0·021 | 0·020 | 9·999 | 0·000 | 0·009 | 0·001 | 0·049 |
| 20 | 0·001 | 9·997 | 9·998 | 9·997 | 0·001 | 0·007 | 0·019 | 0·024 | 0·039 | 0·043 | 0·047 | 0·048 | 0·050 | 0·043 | 0·040 | 0·037 | 0·039 | 0·047 | 0·060 | 0·068 | 0·081 | 0·081 | 0·085 | 0·086 | 0·089 | 0·041 |
| 21 | 0·089 | 0·084 | 0·082 | 0·078 | 0·085 | 0·081 | 0·074 | 0·072 | 0·063 | 0·054 | 0·041 | 0·034 | 0·028 | 0·015 | 0·007 | 9·991 | 9·981 | 9·974 | 9·968 | 9·959 | 9·958 | 9·951 | 9·938 | 9·928 | 9·921 | 0·019 |
| 22 | 9·921 | 9·912 | 9·906 | 9·899 | 9·900 | 9·899 | 9·898 | 9·893 | 9·887 | 9·884 | 9·866 | 9·875 | 9·867 | 9·865 | 9·871 | 9·867 | 9·864 | 9·845 | 9·853 | 9·841 | 9·833 | 9·830 | 9·822 | 9·815 | 9·811 | 9·871 |
| 23 | 9·815 | 9·814 | 9·819 | 9·819 | 9·826 | 9·833 | 9·840 | 9·846 | 9·854 | 9·852 | 9·853 | 9·856 | 9·863 | 9·862 | 9·864 | 9·872 | 9·874 | 9·878 | 9·889 | 9·899 | 9·909 | 9·924 | 9·921 | 9·933 | 9·933 | 9·866 |
| 24 | 9·933 | 9·929 | 9·933 | 9·922 | 9·926 | 9·924 | 9·928 | 9·932 | 9·930 | 9·925 | 9·912 | 9·916 | 9·914 | 9·889 | 9·890 | 9·879 | 9·858 | 9·839 | 9·829 | 9·817 | 9·806 | 9·799 | 9·803 | 9·785 | 9·787 | 9·881 |
| 25 | 9·787 | 9·773 | 9·763 | 9·740 | 9·729 | 9·724 | 9·726 | 9·735 | 9·736 | 9·733 | 9·742 | 9·747 | 9·753 | 9·761 | 9·768 | 9·764 | 9·770 | 9·773 | 9·769 | 9·777 

## ABERDEEN. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JULY, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 14 | 4 | 16 | 5 | 15 | 6 | 16 | 4 | 16 | 4 | 15 | 6 | 15 | 5 | 15 | 5 | 14 | 7 | 14 | 8 | 15 | 7 | 14 | 10 |
| 2 | — | 2 | 22 | 4 | 23 | 4 | 23 | 5 | — | 3 | — | 2 | — | 2 | — | 3 | 23 | 4 | 23 | 4 | 10 | 6 | 10 | 4 |
| 3 | 29 | 4 | 29 | 5 | — | 3 | 30 | 6 | 31 | 7 | 28 | 10 | 28 | 7 | 29 | 7 | 29 | 8 | 31 | 7 | 30 | 12 | 30 | 12 |
| 4 | 30 | 5 | 30 | 5 | 30 | 5 | 32 | 6 | 32 | 4 | 32 | 6 | 32 | 7 | 32 | 5 | 2 | 4 | 32 | 7 | 1 | 6 | 2 | 4 |
| 5 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 5 | 31 | 4 | 30 | 7 | 31 | 7 | 29 | 8 | 30 | 9 | 30 | 8 | 2 | 8 |
| 6 | 13 | 5 | 13 | 5 | 13 | 7 | 13 | 7 | 13 | 6 | 13 | 5 | 25 | 7 | 27 | 6 | 29 | 4 | 30 | 4 | 9 | 6 | 10 | 9 |
| 7 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | 9 | 4 | 9 | 4 | 9 | 4 | 9 | 4 | 9 | 4 | 9 | 4 |
| 8 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 9 | 6 | 9 | 5 | 9 | 7 | 9 | 7 | 10 | 8 |
| 9 | 7 | 9 | 6 | 9 | 4 | 6 | 5 | 7 | 6 | 9 | 5 | 8 | 5 | 10 | 5 | 7 | 5 | 10 | 5 | 7 | 6 | 7 | 7 | 7 |
| 10 | — | 2 | — | 2 | — | 3 | 5 | 4 | 9 | 7 | 10 | 7 | 10 | 9 | 12 | 8 | 10 | 9 | 13 | 7 | 12 | 8 | 10 | 8 |
| 11 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | — | 3 | 17 | 4 | 17 | 4 | 16 | 4 | 16 | 8 | 19 | 8 | 19 | 7 |
| 12 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | 25 | 4 | 28 | 4 | 2 | 4 | 3 | 4 | 4 | 7 | 5 | 7 | 6 | 12 |
| 13 | 32 | 6 | 1 | 7 | 2 | 8 | 2 | 8 | 2 | 8 | 1 | 8 | 1 | 7 | 2 | 10 | 2 | 10 | 4 | 13 | 4 | 12 | 5 | 14 |
| 14 | 30 | 8 | 30 | 8 | 29 | 9 | 29 | 9 | 29 | 7 | 30 | 10 | 28 | 12 | 29 | 14 | 27 | 12 | 27 | 12 | 28 | 12 | 28 | 12 |
| 15 | 27 | 6 | 25 | 7 | 25 | 5 | 25 | 4 | 25 | 7 | 26 | 10 | 24 | 7 | 27 | 10 | 28 | 10 | 26 | 8 | 26 | 4 | 16 | 7 |
| 16 | — | 2 | — | 3 | 16 | 6 | 16 | 7 | 15 | 6 | 15 | 6 | 15 | 4 | — | 3 | 16 | 4 | 15 | 7 | 17 | 7 | 15 | 12 |
| 17 | — | 1 | — | 2 | — | 3 | — | 2 | 31 | 4 | 31 | 4 | 31 | 7 | 30 | 5 | 4 | 6 | 31 | 7 | 32 | 9 | 32 | 10 |
| 18 | 29 | 18 | 29 | 18 | 29 | 14 | 30 | 15 | 29 | 15 | 28 | 15 | 28 | 14 | 29 | 15 | 29 | 15 | 29 | 16 | 29 | 15 | 29 | 16 |
| 19 | 31 | 8 | 29 | 6 | 28 | 6 | 28 | 6 | 27 | 7 | 27 | 7 | 29 | 5 | 27 | 5 | 28 | 4 | 32 | 4 | 31 | 4 | 11 | 8 |
| 20 | 23 | 4 | — | 3 | 27 | 4 | — | 2 | 27 | 7 | 28 | 4 | 32 | 6 | 28 | 9 | 30 | 10 | 27 | 12 | 28 | 12 | 28 | 10 |
| 21 | — | 3 | — | 2 | — | 3 | — | 3 | — | 2 | — | 1 | — | 2 | 17 | 6 | 15 | 10 | 15 | 11 | 15 | 12 | 15 | 11 |
| 22 | 18 | 4 | — | 3 | 19 | 4 | 19 | 6 | 19 | 6 | 19 | 4 | 19 | 4 | 17 | 6 | 12 | 7 | 18 | 10 | 15 | 10 | 15 | 9 |
| 23 | 20 | 6 | — | 3 | — | 2 | 16 | 4 | 18 | 4 | 17 | 6 | 16 | 5 | 16 | 6 | 19 | 8 | 20 | 10 | 20 | 12 | 20 | 10 |
| 24 | — | 2 | — | 3 | — | 2 | — | 3 | 19 | 4 | 19 | 4 | 17 | 4 | 18 | 6 | 20 | 5 | 18 | 4 | 17 | 7 | 16 | 7 |
| 25 | 16 | 5 | 16 | 4 | 16 | 5 | 16 | 9 | 17 | 9 | 17 | 6 | 18 | 7 | 15 | 9 | 16 | 11 | 16 | 10 | 15 | 9 | 15 | 11 |
| 26 | 30 | 5 | 30 | 7 | 30 | 6 | — | 3 | — | 3 | — | 3 | — | 3 | 30 | 4 | — | 3 | — | 3 | 11 | 5 | 15 | 10 |
| 27 | 19 | 5 | 18 | 4 | — | 1 | — | 2 | — | 2 | — | 2 | 18 | 4 | 16 | 4 | 16 | 6 | 16 | 7 | 16 | 10 | 15 | 11 |
| 28 | 21 | 7 | 21 | 4 | 20 | 4 | — | 2 | 19 | 4 | 20 | 4 | 19 | 6 | 18 | 7 | 21 | 10 | 24 | 7 | 27 | 9 | 25 | 9 |
| 29 | 30 | 4 | — | 3 | — | 3 | — | 3 | — | 1 | — | 2 | 16 | 7 | 15 | 8 | 15 | 8 | 15 | 10 | 15 | 12 | 15 | 10 |
| 30 | 10 | 4 | 16 | 5 | 18 | 7 | — | 2 | — | 2 | — | 2 | 22 | 4 | 22 | 4 | 21 | 4 | 4 | 4 | 26 | 6 | 24 | 6 |
| 31 | 21 | 7 | 22 | 5 | 22 | 4 | 23 | 7 | 22 | 6 | 24 | 5 | 27 | 4 | 25 | 7 | 25 | 10 | 24 | 11 | 24 | 13 | 25 | 15 |
| Mean ... | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 6 | — | 7 | — | 7 | — | 8 | — | 9 | — | 9 |
| Mean, 1881–1905. | — | 5·3 | — | 5·3 | — | 5·3 | — | 5·4 | — | 5·4 | — | 5·8 | — | 6·7 | — | 7·6 | — | 8·5 | — | 8·8 | — | 9·4 | — | 9·5 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0 the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## ABERDEEN. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JULY, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | 02 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | 04 | 01 | 05 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 06 |
| 11 | — | 07 | — | — | — | — | — | — | — | — | — | 01 | — | 01 | — | — | 01 | 15 | — | 01 | — | — | — | — | 31 |
| 12 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 09 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | 01 | 01 | 01 | 03 | 02 | 05 | 07 | 04 | — | 01 | — | — | — | — | — | 03 | 02 | 05 | 05 | 02 | 02 | 01 | 02 | 23 |
| 18 | 05 | 01 | — | — | — | — | — | — | — | 01 | — | 01 | — | — | — | — | — | — | 01 | — | 13 | 04 | 02 | 05 | 50 |
| 19 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | 04 | — | — | 01 | — | — | — | — | — | — | — | — | 01 | — | — | — | 02 | 02 | 35 | 06 | 06 | 02 | 03 | 06 | 63 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | 07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 | 01 | 02 | 01 | 02 | 01 | 11 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| Sum ... | 21 | 13 | 10 | 05 | 04 | 02 | 05 | 07 | 04 | 01 | 01 | 02 | 01 | 01 | — | — | 06 | 20 | 45 | 13 | 23 | 09 | 08 | 16 | 2·17 |
| Average 1871–1905. | ·090 | ·103 | ·097 | ·122 | ·116 | ·103 | ·093 | ·102 | ·087 | ·108 | ·096 | ·131 | ·150 | ·175 | ·217 | ·196 | ·155 | ·155 | ·123 | ·113 | ·105 | ·141 | ·094 | ·100 | 2·970 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JULY, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 14 | 10 | 14 | 10 | 14 | 9 | 15 | 6 | 15 | 7 | 16 | 7 | 16 | 7 | 17 | 4 | — | 2 | — | 1 | — | 3 | — | 3 | 6 | 1 |
| 2 | 9 | 4 | 10 | 5 | 9 | 4 | 10 | 4 | 8 | 7 | 6 | 4 | 6 | 4 | — | 2 | — | 2 | — | 3 | 31 | 5 | 29 | 7 | 4 | 2 |
| 3 | 29 | 10 | 1 | 10 | 31 | 8 | 31 | 9 | 31 | 7 | 30 | 6 | 31 | 7 | 30 | 7 | 29 | 8 | 29 | 8 | 29 | 7 | 29 | 8 | 8 | 3 |
| 4 | 5 | 7 | 6 | 4 | 8 | 5 | 8 | 4 | 8 | 6 | 1 | 7 | 2 | 6 | 32 | 4 | 32 | 4 | 31 | 5 | 31 | 4 | — | 3 | 5 | 4 |
| 5 | 32 | 6 | 9 | 6 | 10 | 7 | 8 | 10 | 11 | 6 | 13 | 6 | 13 | 4 | — | 3 | — | 2 | 13 | 4 | 13 | 5 | 13 | 6 | 6 | 5 |
| 6 | 10 | 7 | 9 | 10 | 10 | 7 | 10 | 6 | 9 | 8 | 9 | 6 | 9 | 4 | 9 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 5 | 6 |
| 7 | 9 | 4 | 9 | 2 | — | 4 | 9 | 5 | 9 | 5 | 9 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | — | 0 | — | 2 | 3 | 7 |
| 8 | 10 | 9 | 10 | 9 | 10 | 9 | 9 | 9 | 9 | 12 | 9 | 10 | 9 | 10 | 8 | 10 | 8 | 10 | 8 | 10 | 8 | 9 | 8 | 11 | 7 | 8 |
| 9 | 6 | 7 | 6 | 8 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 5 | 6 | 7 | 6 | 4 | — | 1 | — | 2 | — | 2 | — | 2 | 6 | 9 |
| 10 | 12 | 12 | 10 | 12 | 12 | 12 | 10 | 12 | 11 | 12 | 12 | 10 | 12 | 7 | 12 | 4 | 12 | 4 | 12 | 4 | — | 2 | — | 2 | 7 | 10 |
| 11 | 8 | 17 | 9 | 15 | 10 | 16 | 8 | 19 | 4 | 16 | 6 | 17 | 5 | 17 | 5 | 17 | 4 | 17 | 4 | — | 3 | — | 2 | 5 | 11 |
| 12 | 5 | 10 | 5 | 7 | 32 | 7 | 32 | 7 | 31 | 9 | 31 | 7 | 30 | 6 | 31 | 5 | 31 | 5 | 31 | 5 | 31 | 5 | 31 | 5 | 5 | 13 |
| 13 | 5 | 12 | 4 | 12 | 4 | 10 | 4 | 11 | 3 | 8 | 2 | 7 | 1 | 8 | 32 | 7 | 32 | 7 | 31 | 7 | 31 | 8 | 29 | 8 | 9 | 13 |
| 14 | 29 | 14 | 29 | 12 | 29 | 12 | 28 | 14 | 28 | 11 | 27 | 10 | 29 | 12 | 29 | 10 | 28 | 9 | 28 | 6 | 28 | 7 | 28 | 7 | 10 | 14 |
| 15 | 8 | 16 | 7 | 15 | 9 | 15 | 9 | 15 | 9 | 15 | 6 | — | 3 | — | 3 | 15 | 4 | 17 | 6 | — | 3 | — | 2 | 6 | 15 |
| 16 | 10 | 16 | 10 | 15 | 9 | 15 | 9 | 14 | 10 | 13 | 7 | 12 | 10 | 9 | 11 | 10 | 15 | 11 | 10 | 12 | 7 | 10 | 5 | 8 | 16 |
| 17 | 11 | 32 | 11 | 32 | 10 | 32 | 10 | 32 | 12 | 32 | 13 | 30 | 15 | 30 | 16 | 30 | 15 | 30 | 15 | 29 | 16 | 28 | 18 | 9 | 17 |
| 18 | 15 | 28 | 15 | 29 | 16 | 29 | 15 | 29 | 15 | 29 | 15 | 29 | 16 | 29 | 16 | 29 | 11 | 30 | 9 | 31 | 7 | 29 | 9 | 14 | 18 |
| 19 | 8 | 12 | 9 | 13 | 7 | 13 | 9 | 13 | 8 | 14 | 7 | 14 | 6 | 15 | 4 | 16 | 4 | — | 3 | — | 2 | — | 2 | 6 | 19 |
| 20 | 11 | 29 | 12 | 29 | 13 | 30 | 14 | 29 | 9 | 32 | 7 | 5 | 4 | 31 | 6 | 30 | 5 | 30 | 5 | 29 | 5 | — | 2 | 7 | 20 |
| 21 | 10 | 16 | 10 | 15 | 10 | 16 | 9 | 16 | 8 | 16 | 8 | 15 | 5 | 15 | 4 | 11 | 4 | 16 | 7 | 17 | 5 | 17 | 5 | 20 | 5 | 6 | 21 |
| 22 | 8 | 17 | 8 | 18 | 8 | 18 | 7 | 18 | 7 | 15 | 5 | 15 | 4 | 11 | 4 | 16 | 7 | 17 | 5 | 17 | 5 | 20 | 5 | 6 | 22 |
| 23 | 9 | 20 | 12 | 18 | 11 | 18 | 10 | 18 | 7 | 19 | 12 | 19 | 10 | 20 | 12 | 20 | 7 | 19 | 6 | 20 | 4 | 18 | 5 | 7 | 23 |
| 24 | 9 | 15 | 10 | 14 | 10 | 14 | 8 | 15 | 7 | 17 | 8 | 16 | 6 | 16 | 7 | 16 | 4 | 18 | 7 | 16 | 9 | 15 | 7 | 6 | 24 |
| 25 | 8 | 16 | 7 | 16 | 9 | 18 | 7 | 16 | 7 | 16 | 6 | 16 | 4 | — | 3 | — | 2 | — | 1 | — | 2 | 29 | 5 | 7 | 25 |
| 26 | 8 | 15 | 7 | 15 | 8 | 14 | 8 | 15 | 8 | 16 | 7 | 15 | 6 | 15 | 5 | 15 | 4 | 17 | 4 | 18 | 4 | 19 | 4 | 5 | 26 |
| 27 | 11 | 15 | 11 | 15 | 9 | 16 | 9 | 16 | 9 | 16 | 8 | 15 | 7 | 16 | 7 | 19 | 6 | 19 | 5 | 18 | 7 | 19 | 7 | 6 | 27 |
| 28 | 10 | 24 | 7 | 10 | 7 | 11 | 5 | 12 | 5 | 10 | 4 | — | 3 | — | 1 | — | 2 | 10 | 4 | 10 | 4 | 10 | 4 | 5 | 28 |
| 29 | 12 | 16 | 10 | 16 | 11 | 17 | 8 | 17 | 8 | 17 | 8 | 16 | 8 | 15 | 7 | 19 | 10 | 18 | 7 | 17 | 5 | 20 | 4 | 7 | 29 |
| 30 | 10 | 24 | 10 | 25 | 10 | 26 | 7 | 24 | 7 | 24 | 6 | 23 | 8 | 22 | 5 | 21 | 4 | 22 | 5 | 24 | 8 | 24 | 8 | 6 | 30 |
| 31 | 6 | 25 | 14 | 24 | 11 | 25 | 14 | 27 | 13 | 27 | 11 | 27 | 12 | 28 | 7 | 26 | 7 | 25 | 7 | 25 | 6 | 24 | 4 | 9 | 31 |
| — | 9 | — | 9 | — | 9 | — | 9 | — | 8 | — | 8 | — | 7 | — | 6 | — | 6 | — | 5 | — | 5 | — | 5 | 7 | |
| — | 9·8 | — | 9·6 | — | 9·6 | — | 9·2 | — | 8·7 | — | 7·9 | — | 6·9 | — | 6·1 | — | 5·4 | — | 5·2 | — | 5·2 | — | 5·3 | 7·2 | Mean, 1881–1905. |

## ABERDEEN. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JULY, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·1 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·2 | 11·9 | [light at night. High ≋ early, then bright; extremely |
| 2 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | 14·6 | Practically cloudless all day. |
| 3 | — | ·4 | ·3 | — | — | — | — | ·4 | ·2 | ·9 | ·3 | ·1 | ·1 | — | — | — | — | 2·7 | Cloudy to dull. |
| 4 | — | — | — | — | — | — | — | — | — | — | ·2 | — | — | ·8 | ·9 | ·6 | ·2 | 2·7 | ●° early; dull, with bright intervals after 16h. |
| 5 | — | — | — | ·1 | ·3 | ·3 | ·7 | 1·0 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·8 | ·4 | ·2 | ·3 | 8·9 | Cloudy to bright. |
| 6 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·2 | — | 14·5 | Almost cloudless. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and cool all day. |
| 8 | — | — | — | ·4 | — | ·1 | ·4 | ·9 | ·6 | ·3 | — | — | — | — | — | — | — | 2·7 | Cloudy to dull; visibility marked 16h.– |
| 9 | — | — | — | — | — | — | — | — | ·2 | ·7 | — | — | — | — | — | — | — | 0·9 | ●° early; dull. [18h. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● and ≋. |
| 11 | — | — | — | ·5 | ·2 | ·5 | ·1 | — | ·1 | 1·0 | ·9 | ·7 | — | — | — | — | — | 4·0 | ● at 2h.; cloudy and threatening, with |
| 12 | — | ·7 | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | 0·8 | Overcast most of day. [bright intervals. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with occasional drizzling ● showers. |
| 14 | — | — | — | — | — | — | — | — | ·1 | — | — | ·2 | — | — | — | — | — | 0·3 | Dull to cloudy. |
| 15 | — | ·2 | ·2 | ·6 | 1·0 | 1·0 | ·4 | — | — | — | — | — | — | ·1 | — | — | -- | 3·5 | Fair to cloudy; good visibility A.M. [sea. |
| 16 | — | — | — | — | ·1 | ·2 | ·4 | 1·0 | ·8 | — | — | — | — | — | — | — | — | 2·5 | Cloudy to dull; ●, ≋° in evening; ≋ at |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet day; ≋° morning and evening. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●, ≋° A.M.; clearing P.M. |
| 19 | — | ·2 | ·3 | ·5 | — | -- | — | ·6 | ·4 | ·8 | ·8 | ·4 | ·3 | — | — | — | — | 4·3 | Cloudy to dull. |
| 20 | — | — | — | — | — | — | — | — | ·4 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | ·4 | — | 6·1 | Cloudy to fine and bright. |
| 21 | ·1 | ·6 | ·9 | 1·0 | ·9 | ·8 | 1·0 | ·2 | ·4 | ·6 | ·9 | ·8 | 1·0 | ·6 | ·2 | — | — | 10·0 | Fine. |
| 22 | ·4 | 1·0 | ·6 | ·9 | 1·0 | 1·0 | ·7 | — | — | — | — | — | — | ·1 | — | — | — | 5·7 | Bright to dull. |
| 23 | — | — | — | — | ·3 | 1·0 | 1·0 | ·9 | ·8 | ·7 | ·7 | 1·0 | ·9 | ·1 | ·3 | ·2 | — | 7·9 | Bright most of day. |
| 24 | — | — | — | — | — | — | ·5 | — | — | — | ·1 | — | — | — | — | — | — | 0·6 | Cloudy to dull. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty; ●² in evening. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● early; dull to cloudy. |
| 27 | — | — | — | — | — | — | — | — | ·2 | ·7 | ·5 | ·7 | ·2 | — | — | — | — | 2·3 | Bright to cloudy alternately. |
| 28 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·8 | ·9 | ·2 | ·5 | 1·0 | ·6 | ·2 | ·2 | — | 11·6 | Fine day. |
| 29 | — | — | ·3 | ·9 | 1·0 | 1·0 | 1·0 | ·6 | 1·0 | ·8 | ·4 | — | — | — | — | — | — | 8·0 | Bright at first; becoming dull, with ● after 19h. |
| 30 | — | — | — | — | — | ·1 | ·4 | ·1 | ·2 | — | — | — | — | ·1 | — | ·5 | ·1 | 1·5 | Dull day, with ● early. |
| 31 | — | ·1 | — | ·2 | ·5 | ·2 | ·4 | ·3 | 1·0 | ·6 | ·6 | ·1 | ·2 | 1·0 | ·5 | ·2 | — | 5·9 | Cloudy and bright alternately. |
| | 1·3 | 5·7 | 5·6 | 8·6 | 9·4 | 10·3 | 11·3 | 11·4 | 11·7 | 13·8 | 11·5 | 10·3 | 8·9 | 8·8 | 6·7 | 5·6 | 1·0 | 141·9 | Total. |
| | 1·23 | 6·06 | 8·49 | 10·08 | 11·31 | 11·74 | 11·60 | 11·83 | 12·05 | 11·69 | 11·76 | 11·62 | 11·24 | 9·94 | 8·75 | 6·22 | 1·39 | 156·99 | Mean Total, 1881–1905. |

TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JULY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53·6 | 54·0 | 52·8 | 53·0 | 53·3 | 53·7 | 52·2 | 53·2 | 55·2 | 56·1 | 58·0 | 61·1 | 61·4 | 62·0 | 62·6 | 63·0 | 64·4 | 64·2 | 64·2 | 62·3 | 59·9 | 58·8 | 57·2 | 56·1 | 54·9 | 58·0 |
| 2 | 54·9 | 54·9 | 54·5 | 55·9 | 56·1 | 56·6 | 61·0 | 63·4 | 63·0 | 66·0 | 65·3 | 63·2 | 62·3 | 63·3 | 62·2 | 62·0 | 61·0 | 59·6 | 57·2 | 56·0 | 54·8 | 57·6 | 57·8 | 56·4 | 54·6 | 59·4 |
| 3 | 54·6 | 54·3 | 53·3 | 53·9 | 53·3 | 54·0 | 55·2 | 55·9 | 55·3 | 56·1 | 57·4 | 58·2 | 58·6 | 59·9 | 61·2 | 60·4 | 59·2 | 59·2 | 56·8 | 56·4 | 55·4 | 54·8 | 54·3 | 53·9 | 53·8 | 56·3 |
| 4 | 53·8 | 53·5 | 53·6 | 53·3 | 53·2 | 53·0 | 53·0 | 53·3 | 53·5 | 53·3 | 53·8 | 54·4 | 55·1 | 54·0 | 55·2 | 56·4 | 53·8 | 57·7 | 58·1 | 57·8 | 56·1 | 53·2 | 51·7 | 52·0 | 52·1 | 54·3 |
| 5 | 52·1 | 52·1 | 51·3 | 50·5 | 50·2 | 50·1 | 50·9 | 51·8 | 52·6 | 53·3 | 54·4 | 55·0 | 56·9 | 57·8 | 55·1 | 54·0 | 53·8 | 54·6 | 53·6 | 53·7 | 53·7 | 51·3 | 48·2 | 46·0 | 44·3 | 52·5 |
| 6 | 44·3 | 43·2 | 41·6 | 41·5 | 41·0 | 43·7 | 48·4 | 53·2 | 53·9 | 55·0 | 56·0 | 56·8 | 54·8 | 55·2 | 54·9 | 54·9 | 54·4 | 54·7 | 53·8 | 53·0 | 52·2 | 51·6 | 50·6 | 49·2 | 48·3 | 50·9 |
| 7 | 48·3 | 48·4 | 48·7 | 48·9 | 49·0 | 50·0 | 50·7 | 51·6 | 52·2 | 53·0 | 52·2 | 52·1 | 53·2 | 52·6 | 53·2 | 53·0 | 52·7 | 52·2 | 52·1 | 51·8 | 51·4 | 51·2 | 51·1 | 51·0 | 50·2 | 51·3 |
| 8 | 50·2 | 49·5 | 49·4 | 48·3 | 46·8 | 48·3 | 50·2 | 51·9 | 51·9 | 52·0 | 53·3 | 54·2 | 54·8 | 54·9 | 54·4 | 54·0 | 53·8 | 53·7 | 53·4 | 53·5 | 53·0 | 52·2 | 52·0 | 51·9 | 52·0 | 52·0 |
| 9 | 52·0 | 51·6 | 51·1 | 50·9 | 51·4 | 51·4 | 51·9 | 52·7 | 52·5 | 53·8 | 53·4 | 54·6 | 55·1 | 55·6 | 55·1 | 54·8 | 54·8 | 54·4 | 53·7 | 53·4 | 53·2 | 53·3 | 53·4 | 53·0 | 52·6 | 53·2 |
| 10 | 52·6 | 52·3 | 52·2 | 52·2 | 52·3 | 53·3 | 54·1 | 54·1 | 54·6 | 55·5 | 54·6 | 56·1 | 54·6 | 55·5 | 54·4 | 55·0 | 55·0 | 54·6 | 54·5 | 54·4 | 54·4 | 54·4 | 54·2 | 54·3 | 54·1 | 54·1 |
| 11 | 54·1 | 54·1 | 54·8 | 54·3 | 53·1 | 55·2 | 56·1 | 57·5 | 58·6 | 61·2 | 62·0 | 61·5 | 62·9 | 64·6 | 64·4 | 63·7 | 62·6 | 61·5 | 60·2 | 59·4 | 58·0 | 57·2 | 57·4 | 57·3 | 56·6 | 58·9 |
| 12 | 56·6 | 55·8 | 55·6 | 55·4 | 55·8 | 55·2 | 56·7 | 57·0 | 54·6 | 54·5 | 54·7 | 57·2 | 56·1 | 56·3 | 55·0 | 56·0 | 55·6 | 56·4 | 55·0 | 55·0 | 54·5 | 53·6 | 52·8 | 52·7 | 52·4 | 55·3 |
| 13 | 52·4 | 53·1 | 52·9 | 52·3 | 52·1 | 52·1 | 52·2 | 52·4 | 53·4 | 54·4 | 53·4 | 53·5 | 52·6 | 52·6 | 53·5 | 53·1 | 53·4 | 53·6 | 52·8 | 52·6 | 52·1 | 51·8 | 51·0 | 50·9 | 49·4 | 52·6 |
| 14 | 49·4 | 49·0 | 48·8 | 48·9 | 48·9 | 49·3 | 50·5 | 50·8 | 50·8 | 50·6 | 50·1 | 52·2 | 52·6 | 53·8 | 53·5 | 55·0 | 54·2 | 53·7 | 53·4 | 53·1 | 51·1 | 50·1 | 49·0 | 48·5 | 47·9 | 51·1 |
| 15 | 47·9 | 48·5 | 47·3 | 47·5 | 47·8 | 48·0 | 50·1 | 49·2 | 52·8 | 53·4 | 55·1 | 55·8 | 55·6 | 55·2 | 55·1 | 54·1 | 54·8 | 55·2 | 55·0 | 54·1 | 54·0 | 53·4 | 53·0 | 52·6 | 52·4 | 52·4 |
| 16 | 52·4 | 52·1 | 51·8 | 52·2 | 52·2 | 52·1 | 52·3 | 53·2 | 55·2 | 57·2 | 58·4 | 63·3 | 64·1 | 62·3 | 61·3 | 59·1 | 56·3 | 55·0 | 54·9 | 53·7 | 53·1 | 53·3 | 53·5 | 53·8 | 53·4 | 55·6 |
| 17 | 53·4 | 53·4 | 53·4 | 53·6 | 53·9 | 54·2 | 54·6 | 54·9 | 54·8 | 55·4 | 57·4 | 56·6 | 57·4 | 56·8 | 56·7 | 55·4 | 55·5 | 55·0 | 54·0 | 53·3 | 52·4 | 52·4 | 52·4 | 52·3 | 52·0 | 54·6 |
| 18 | 52·0 | 51·4 | 51·2 | 51·4 | 51·3 | 51·3 | 51·2 | 51·5 | 51·8 | 52·2 | 52·0 | 52·0 | 51·6 | 51·8 | 52·0 | 53·2 | 52·8 | 52·6 | 53·3 | 54·2 | 52·2 | 51·2 | 49·9 | 49·7 | 49·5 | 51·8 |
| 19 | 49·5 | 49·2 | 49·1 | 48·0 | 47·8 | 47·8 | 49·8 | 50·4 | 52·0 | 52·4 | 52·7 | 54·1 | 52·5 | 52·4 | 54·0 | 54·1 | 53·6 | 52·6 | 51·4 | 51·7 | 51·7 | 51·3 | 50·3 | 49·7 | 48·1 | 51·1 |
| 20 | 48·1 | 48·8 | 50·0 | 52·4 | 54·0 | 55·0 | 54·8 | 54·9 | 55·3 | 56·2 | 57·0 | 57·5 | 58·3 | 61·2 | 61·5 | 62·8 | 62·2 | 63·4 | 63·7 | 59·5 | 58·5 | 54·5 | 52·8 | 51·2 | 50·8 | 56·5 |
| 21 | 50·8 | 51·7 | 50·3 | 48·8 | 46·7 | 49·2 | 52·5 | 56·8 | 58·8 | 59·6 | 60·6 | 58·1 | 58·6 | 59·5 | 60·2 | 62·2 | 63·0 | 62·6 | 61·3 | 57·9 | 57·7 | 56·3 | 56·3 | 56·2 | 56·4 | 56·6 |
| 22 | 56·4 | 57·1 | 58·1 | 58·3 | 57·4 | 59·0 | 62·7 | 65·3 | 66·9 | 65·0 | 69·7 | 66·0 | 63·1 | 64·6 | 64·6 | 66·6 | 66·3 | 66·3 | 66·0 | 63·5 | 61·6 | 58·9 | 59·3 | 59·4 | 59·7 | 62·4 |
| 23 | 59·0 | 59·0 | 57·4 | 54·9 | 56·0 | 56·4 | 56·8 | 57·9 | 59·1 | 61·1 | 63·3 | 64·2 | 65·4 | 65·0 | 66·6 | 67·2 | 68·3 | 67·3 | 66·5 | 63·9 | 62·3 | 60·8 | 60·0 | 58·9 | 59·2 | 61·5 |
| 24 | 59·2 | 58·6 | 58·4 | 58·2 | 57·5 | 57·7 | 59·3 | 59·6 | 61·6 | 61·8 | 63·9 | 63·2 | 62·9 | 64·4 | 63·2 | 60·2 | 59·6 | 59·8 | 59·3 | 59·3 | 58·3 | 58·0 | 59·3 | 59·2 | 58·4 | 60·1 |
| 25 | 58·4 | 58·3 | 57·5 | 57·3 | 57·3 | 57·7 | 58·5 | 58·8 | 59·6 | 60·6 | 61·2 | 62·2 | 63·6 | 62·5 | 63·0 | 64·2 | 61·8 | 60·8 | 59·8 | 59·1 | 58·1 | 58·5 | 58·3 | 58·5 | 57·7 | 59·8 |
| 26 | 57·7 | 57·5 | 55·0 | 54·5 | 54·2 | 54·7 | 54·9 | 55·7 | 57·0 | 58·0 | 60·0 | 59·3 | 61·0 | 61·1 | 60·6 | 60·6 | 60·6 | 59·3 | 57·8 | 56·0 | 55·8 | 55·1 | 55·0 | 54·4 | 54·4 | 57·3 |
| 27 | 54·4 | 54·7 | 54·4 | 54·1 | 53·3 | 53·2 | 54·4 | 55·7 | 58·7 | 58·8 | 60·1 | 61·9 | 62·3 | 61·1 | 62·3 | 61·2 | 60·2 | 61·2 | 60·1 | 59·2 | 58·4 | 58·7 | 58·4 | 58·4 | 59·0 | 58·3 |
| 28 | 59·0 | 57·4 | 54·8 | 53·7 | 53·2 | 55·2 | 58·8 | 61·5 | 62·1 | 64·3 | 65·6 | 66·1 | 67·3 | 67·2 | 67·0 | 65·9 | 65·1 | 59·2 | 59·1 | 59·2 | 59·0 | 57·2 | 54·6 | 52·6 | 50·3 | 59·6 |
| 29 | 50·3 | 49·3 | 50·7 | 49·8 | 47·7 | 49·1 | 51·6 | 55·3 | 57·4 | 58·9 | 60·0 | 59·9 | 59·7 | 60·3 | 60·4 | 62·7 | 60·8 | 60·1 | 59·0 | 57·0 | 58·3 | 58·8 | 57·9 | 58·2 | 58·7 | 56·6 |
| 30 | 58·7 | 58·6 | 58·8 | 58·2 | 57·8 | 57·7 | 59·1 | 61·2 | 61·9 | 64·1 | 64·7 | 65·3 | 66·0 | 65·2 | 65·1 | 63·4 | 62·0 | 62·0 | 61·0 | 61·0 | 58·3 | 56·8 | 57·0 | 55·6 | 54·4 | 60·8 |
| 31 | 54·4 | 54·3 | 53·8 | 53·0 | 53·3 | 53·3 | 54·6 | 54·0 | 56·5 | 57·8 | 58·7 | 58·8 | 60·3 | 60·8 | 60·6 | 59·9 | 60·0 | 61·5 | 59·1 | 57·5 | 55·2 | 54·8 | 53·8 | 52·3 | 52·2 | 56·6 |
| Mean ... | 53·2 | 53·1 | 52·7 | 52·4 | 52·2 | 52·8 | 54·2 | 55·3 | 56·2 | 57·2 | 58·1 | 58·5 | 58·7 | 59·1 | 59·0 | 58·7 | 58·2 | 58·2 | 57·3 | 56·5 | 55·6 | 54·9 | 54·3 | 53·8 | 53·2 | 55·8 |
| Mean, 1871–1905. | 53·5 | 53·1 | 52·7 | 52·4 | 52·1 | 52·8 | 54·1 | 55·7 | 56·7 | 57·6 | 58·3 | 58·9 | 59·2 | 59·5 | 59·5 | 59·4 | 59·0 | 58·8 | 58·3 | 57·5 | 56·4 | 55·4 | 54·6 | 54·1 | 53·5 | 56·2 |

TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JULY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 91 | 90 | 91 | 94 | 93 | 90 | 93 | 90 | 85 | 84 | 78 | 69 | 71 | 67 | 64 | 66 | 66 | 62 | 64 | 68 | 76 | 81 | 83 | 84 | 87 | 79·1 |
| 2 | 87 | 88 | 88 | 89 | 87 | 87 | 82 | 79 | 79 | 74 | 72 | 74 | 77 | 73 | 76 | 77 | 78 | 81 | 82 | 83 | 87 | 82 | 79 | 80 | 83 | 80·8 |
| 3 | 83 | 83 | 85 | 87 | 88 | 90 | 91 | 90 | 87 | 85 | 86 | 86 | 82 | 80 | 79 | 78 | 75 | 75 | 77 | 76 | 80 | 83 | 86 | 88 | 90 | 91 | 89 | 83·5 |
| 4 | 89 | 91 | 90 | 92 | 91 | 90 | 92 | 91 | 90 | 89 | 89 | 87 | 86 | 84 | 85 | 81 | 76 | 83 | 75 | 71 | 68 | 70 | 79 | 83 | 84 | 81 | 83·7 |
| 5 | 81 | 83 | 79 | 80 | 78 | 74 | 74 | 71 | 63 | 66 | 61 | 62 | 58 | 58 | 68 | 71 | 71 | 72 | 71 | 72 | 72 | 76 | 82 | 82 | 85 | 72·0 |
| 6 | 85 | 86 | 84 | 86 | 85 | 84 | 80 | 76 | 75 | 73 | 75 | 75 | 73 | 73 | 69 | 72 | 73 | 73 | 79 | 78 | 80 | 83 | 80 | 81 | 81 | 86 | 78·6 |
| 7 | 85 | 89 | 89 | 90 | 92 | 90 | 84 | 78 | 81 | 77 | 74 | 68 | 65 | 65 | 67 | 72 | 71 | 71 | 75 | 76 | 78 | 78 | 76 | 74 | 74 | 77·5 |
| 8 | 86 | 89 | 89 | 90 | 92 | 90 | 84 | 78 | 81 | 77 | 74 | 68 | 65 | 65 | 67 | 72 | 71 | 71 | 75 | 76 | 78 | 78 | 76 | 74 | 74 | 77·5 |
| 9 | 74 | 74 | 78 | 87 | 85 | 80 | 81 | 83 | 84 | 76 | 81 | 78 | 74 | 71 | 73 | 72 | 73 | 75 | 80 | 83 | 84 | 86 | 87 | 87 | 90 | 79·8 |
| 10 | 90 | 93 | 93 | 94 | 95 | 95 | 94 | 94 | 95 | 94 | 93 | 90 | 94 | 93 | 95 | 92 | 90 | 93 | 95 | 96 | 97 | 97 | 98 | 97 | 96 | 94·2 |
| 11 | 96 | 96 | 93 | 96 | 93 | 96 | 93 | 92 | 88 | 87 | 84 | 79 | 77 | 71 | 75 | 71 | 73 | 75 | 81 | 82 | 86 | 83 | 86 | 88 | 85 | 90 | 84·3 |
| 12 | 96 | 92 | 93 | 93 | 93 | 92 | 88 | 86 | 93 | 94 | 93 | 88 | 87 | 84 | 84 | 78 | 77 | 74 | 79 | 79 | 80 | 86 | 88 | 88 | 91 | 86·7 |
| 13 | 91 | 89 | 90 | 92 | 89 | 90 | 91 | 90 | 88 | 83 | 84 | 82 | 87 | 86 | 79 | 76 | 74 | 73 | 76 | 79 | 79 | 82 | 83 | 83 | 88 | 83·9 |
| 14 | 88 | 86 | 85 | 86 | 86 | 85 | 76 | 76 | 72 | 81 | 89 | 80 | 77 | 74 | 75 | 66 | 66 | 68 | 72 | 70 | 78 | 80 | 87 | 86 | 87 | 78·7 |
| 15 | 87 | 84 | 85 | 85 | 85 | 85 | 78 | 79 | 70 | 61 | 57 | 59 | 68 | 72 | 70 | 71 | 72 | 73 | 74 | 81 | 84 | 82 | 75 | 76 | 79 | 75·4 |
| 16 | 79 | 80 | 82 | 91 | 92 | 93 | 96 | 93 | 86 | 79 | 79 | 70 | 67 | 71 | 70 | 73 | 81 | 88 | 89 | 93 | 96 | 96 | 95 | 95 | 96 | 85·1 |
| 17 | 96 | 96 | 96 | 96 | 95 | 96 | 95 | 95 | 94 | 95 | 92 | 90 | 90 | 89 | 89 | 93 | 93 | 94 | 93 | 90 | 89 | 94 | 93 | 92 | 92 | 93·0 |
| 18 | 92 | 92 | 93 | 95 | 95 | 95 | 93 | 93 | 92 | 89 | 90 | 91 | 92 | 90 | 87 | 80 | 81 | 83 | 76 | 73 | 77 | 80 | 88 | 88 | 88 | 87·5 |
| 19 | 88 | 89 | 87 | 94 | 93 | 93 | 89 | 83 | 78 | 79 | 77 | 75 | 84 | 82 | 79 | 76 | 76 | 79 | 84 | 86 | 86 | 88 | 90 | 89 | 92 | 84·4 |
| 20 | 92 | 91 | 92 | 90 | 90 | 84 | 82 | 78 | 74 | 70 | 66 | 64 | 66 | 62 | 60 | 60 | 59 | 57 | 57 | 69 | 68 | 76 | 79 | 84 | 85 | 73·6 |
| 21 | 85 | 80 | 84 | 86 | 87 | 91 | 83 | 73 | 72 | 72 | 70 | 70 | 72 | 68 | 71 | 68 | 68 | 68 | 71 | 80 | 80 | 84 | 87 | 88 | 91 | 77·6 |
| 22 | 91 | 90 | 89 | 86 | 84 | 79 | 72 | 70 | 66 | 70 | 64 | 69 | 72 | 70 | 73 | 72 | 75 | 75 | 81 | 82 | 85 | 78 | 78 | 77 | 82 | 76·8 |
| 23 | 82 | 83 | 85 | 89 | 89 | 88 | 86 | 84 | 70 | 62 | 55 | 58 | 57 | 55 | 52 | 53 | 51 | 53 | 56 | 61 | 64 | 70 | 72 | 75 | 76 | 69·0 |
| 24 | 76 | 79 | 80 | 81 | 83 | 82 | 78 | 79 | 75 | 72 | 67 | 72 | 68 | 63 | 70 | 74 | 75 | 78 | 79 | 78 | 83 | 84 | 74 | 77 | 79 | 76·2 |
| 25 | 79 | 80 | 84 | 83 | 87 | 90 | 83 | 89 | 87 | 84 | 82 | 81 | 77 | 87 | 81 | 77 | 84 | 87 | 93 | 94 | 94 | 96 | 94 | 92 | 94 | 86·4 |
| 26 | 94 | 93 | 91 | 91 | 93 | 91 | 90 | 84 | 77 | 70 | 67 | 71 | 67 | 71 | 72 | 73 | 69 | 70 | 77 | 83 | 86 | 86 | 86 | 88 | 90 | 80·8 |
| 27 | 90 | 86 | 86 | 85 | 89 | 92 | 90 | 90 | 77 | 78 | 73 | 72 | 71 | 70 | 73 | 77 | 75 | 77 | 77 | 82 | 84 | 84 | 86 | 86 | 80 | 81·0 |
| 28 | 80 | 78 | 84 | 86 | 80 | 78 | 75 | 70 | 70 | 62 | 55 | 52 | 52 | 49 | 49 | 76 | 76 | 70 | 74 | 74 | 76 | 79 | 82 | 81 | 85 | 71·3 |
| 29 | 85 | 85 | 81 | 83 | 86 | 83 | 77 | 77 | 71 | 64 | 62 | 66 | 64 | 63 | 66 | 65 | 73 | 76 | 77 | 87 | 83 | 83 | 89 | 87 | 85 | 76·3 |
| 30 | 85 | 88 | 87 | 88 | 91 | 90 | 88 | 82 | 81 | 75 | 70 | 63 | 57 | 54 | 53 | 55 | 59 | 58 | 62 | 58 | 63 | 67 | 66 | 65 | 63 | 70·6 |
| 31 | 63 | 68 | 68 | 71 | 70 | 71 | 72 | 76 | 67 | 61 | 59 | 63 | 61 | 58 | 58 | 58 | 54 | 57 | 59 | 70 | 69 | 68 | 72 | 70 | 64·7 | |
| Mean ... | 85·8 | 86·2 | 86·5 | 88·3 | 88·3 | 87·3 | 84·6 | 82·3 | 79·3 | 76·4 | 74·2 | 72·9 | 72·6 | 71·8 | 71·5 | 72·1 | 73·2 | 73·8 | 75·9 | 78·2 | 80·6 | 82·4 | 83·4 | 83·7 | 85·1 | 79·6 |
| Mean, 1886–1905. | 84·7 | 84·9 | 85·6 | 85·7 | 86·3 | 85·0 | 82·5 | 79·5 | 76·8 | 74·4 | 72·8 | 71·5 | 71·2 | 70·9 | 71·0 | 71·3 | 72·2 | 73·0 | 74·2 | 76·0 | 78·8 | 81·2 | 83·0 | 83·8 | 84·6 | 78·2 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. JULY, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. JULY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·112 | 0·032 | 69·8 | 57·9 | 9 | 9·778 | 9·612 | 63·1 | 54·0 | 17 | 9·569 | **9·379** | 61·2 | 55·1 | 25 | 9·963 | 9·737 | 67·0 | 53·9 |
| 2 | 0·122 | 0·068 | **73·0** | 60·9 | 10 | 9·612 | 9·552 | 64·1 | 58·7 | 18 | 9·917 | 9·569 | 60·5 | 55·2 | 26 | 0·018 | 9·955 | 66·2 | 52·9 |
| 3 | 0·068 | 9·909 | 71·9 | 59·7 | 11 | 9·601 | 9·406 | 63·9 | 52·0 | 19 | 0·055 | 9·915 | 62·2 | 54·7 | 27 | 0·033 | 9·992 | 68·7 | 52·8 |
| 4 | 9·909 | 9·822 | 71·5 | 56·9 | 12 | 9·528 | 9·464 | 61·9 | **51·0** | 20 | 0·067 | 9·987 | 64·0 | 54·6 | 28 | 0·264 | 0·025 | 64·0 | 55·0 |
| 5 | 9·897 | 9·816 | 68·1 | 57·9 | 13 | 9·654 | 9·468 | 62·4 | 52·0 | 21 | 0·081 | 0·019 | 65·9 | 53·1 | 29 | **0·298** | 0·258 | 68·4 | 53·4 |
| 6 | 9·941 | 9·893 | 65·1 | 57·7 | 14 | 9·793 | 9·638 | 62·0 | 52·2 | 22 | 0·019 | 9·949 | 65·4 | 53·7 | 30 | 0·288 | 0·179 | 68·8 | 55·0 |
| 7 | 9·911 | 9·787 | 67·6 | 56·5 | 15 | 9·856 | 9·760 | 62·2 | 53·0 | 23 | 9·973 | 9·937 | 66·1 | 53·5 | 31 | 0·192 | 0·141 | 68·1 | 55·9 |
| 8 | 9·787 | 9·611 | 64·7 | 55·0 | 16 | 9·760 | 9·472 | 60·9 | 56·0 | 24 | 9·955 | 9·803 | 66·2 | 57·3 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 65·6 | 55·1 |

TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. JULY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | ·046 | ·042 | ·040 | ·032 | ·046 | ·054 | ·056 | ·060 | ·076 | ·068 | ·074 | ·078 | ·086 | ·088 | ·108 | ·104 | ·102 | ·094 | ·098 | ·096 | ·102 | ·106 | ·110 | ·106 | ·112 | ·079 |
| 2 | ·112 | ·114 | ·122 | ·116 | ·116 | ·110 | ·110 | ·114 | ·116 | ·114 | ·108 | ·104 | ·106 | ·110 | ·102 | ·096 | ·084 | ·074 | ·072 | ·074 | ·076 | ·078 | ·080 | ·068 | ·100 | |
| 3 | ·068 | ·064 | ·046 | ·038 | ·032 | ·028 | ·020 | ·022 | ·024 | ·020 | ·018 | ·011 | ·007 | ·999 | ·993 | ·979 | ·967 | ·957 | ·941 | ·933 | ·935 | ·935 | ·927 | ·919 | ·909 | ·992 |
| 4 | ·909 | ·895 | ·883 | ·881 | ·877 | ·875 | ·873 | ·881 | ·891 | ·888 | ·878 | ·872 | ·864 | ·848 | ·836 | ·834 | ·822 | ·822 | ·830 | ·836 | ·844 | ·844 | ·844 | ·849 | ·863 | |
| 5 | ·844 | ·832 | ·826 | ·822 | ·816 | ·822 | ·836 | ·844 | ·858 | ·862 | ·864 | ·871 | ·875 | ·877 | ·881 | ·877 | ·873 | ·861 | ·857 | ·855 | ·865 | ·877 | ·891 | ·891 | ·897 | ·859 |
| 6 | ·897 | ·893 | ·897 | ·901 | ·901 | ·897 | ·901 | ·901 | ·915 | ·919 | ·929 | ·933 | ·939 | ·935 | ·931 | ·925 | ·923 | ·915 | ·917 | ·911 | ·909 | ·915 | ·919 | ·915 | ·911 | ·914 |
| 7 | ·911 | ·901 | ·893 | ·887 | ·881 | ·879 | ·867 | ·863 | ·855 | ·843 | ·845 | ·839 | ·841 | ·841 | ·843 | ·843 | ·841 | ·831 | ·829 | ·827 | ·827 | ·827 | ·819 | ·801 | ·787 | ·849 |
| 8 | ·787 | ·765 | ·743 | ·721 | ·695 | ·669 | ·643 | ·633 | ·617 | ·613 | ·617 | ·614 | ·624 | ·624 | ·620 | ·620 | ·618 | ·626 | ·638 | ·652 | ·666 | ·686 | ·704 | ·706 | ·714 | ·661 |
| 9 | ·714 | ·712 | ·714 | ·720 | ·724 | ·734 | ·744 | ·750 | ·762 | ·768 | ·778 | ·776 | ·776 | ·774 | ·764 | ·736 | ·706 | ·664 | ·638 | ·640 | ·634 | ·632 | ·624 | ·612 | ·711 | |
| 10 | ·612 | ·604 | ·586 | ·570 | ·560 | ·552 | ·554 | ·552 | ·564 | ·574 | ·584 | ·587 | ·589 | ·595 | ·599 | ·597 | ·597 | ·595 | ·599 | ·593 | ·601 | ·609 | ·603 | ·603 | ·601 | ·586 |
| 11 | ·601 | ·583 | ·571 | ·555 | ·533 | ·515 | ·499 | ·481 | ·465 | ·453 | ·443 | ·424 | ·412 | ·406 | ·416 | ·428 | ·450 | ·456 | ·464 | ·480 | ·510 | ·524 | ·526 | ·522 | ·522 | ·487 |
| 12 | ·522 | ·528 | ·502 | ·464 | ·492 | ·490 | ·496 | ·492 | ·490 | ·482 | ·486 | ·488 | ·474 | ·470 | ·468 | ·466 | ·468 | ·466 | ·468 | ·472 | ·490 | ·498 | ·498 | ·494 | ·494 | ·485 |
| 13 | ·494 | ·490 | ·486 | ·474 | ·474 | ·472 | ·478 | ·480 | ·496 | ·498 | ·512 | ·530 | ·548 | ·562 | ·576 | ·588 | ·592 | ·600 | ·610 | ·616 | ·636 | ·644 | ·654 | ·654 | ·650 | ·552 |
| 14 | ·650 | ·644 | ·644 | ·638 | ·640 | ·650 | ·658 | ·670 | ·680 | ·694 | ·698 | ·707 | ·715 | ·717 | ·735 | ·735 | ·739 | ·747 | ·759 | ·765 | ·771 | ·775 | ·785 | ·787 | ·793 | ·711 |
| 15 | ·793 | ·793 | ·793 | ·795 | ·807 | ·821 | ·817 | ·825 | ·839 | ·839 | ·847 | ·850 | ·852 | ·852 | ·852 | ·848 | ·846 | ·836 | ·818 | ·806 | ·796 | ·784 | ·776 | ·762 | ·766 | ·818 |
| 16 | ·760 | ·753 | ·750 | ·746 | ·740 | ·736 | ·730 | ·710 | ·682 | ·662 | ·646 | ·642 | ·638 | ·632 | ·614 | ·590 | ·566 | ·526 | ·498 | ·482 | ·472 | ·474 | ·476 | ·482 | ·478 | ·623 |
| 17 | ·478 | ·466 | ·448 | ·422 | ·406 | ·406 | ·410 | ·408 | ·410 | ·404 | ·394 | ·383 | ·393 | ·395 | ·397 | ·407 | ·425 | ·439 | ·459 | ·469 | ·497 | ·523 | ·543 | ·559 | ·569 | ·441 |
| 18 | ·569 | ·577 | ·589 | ·597 | ·609 | ·609 | ·645 | ·667 | ·685 | ·701 | ·717 | ·727 | ·745 | ·755 | ·763 | ·777 | ·803 | ·803 | ·829 | ·853 | ·869 | ·893 | ·901 | ·911 | ·917 | ·740 |
| 19 | ·917 | ·915 | ·933 | ·939 | ·939 | ·953 | ·967 | ·981 | ·985 | ·001 | ·021 | ·017 | ·021 | ·021 | ·031 | ·031 | ·033 | ·033 | ·039 | ·039 | ·053 | ·053 | ·053 | ·051 | ·045 | ·004 |
| 20 | ·045 | ·037 | ·029 | ·015 | ·003 | ·995 | ·995 | ·989 | ·987 | ·993 | ·999 | ·995 | ·995 | ·001 | ·013 | ·013 | ·021 | ·017 | ·017 | ·031 | ·043 | ·047 | ·059 | ·063 | ·063 | ·017 |
| 21 | ·063 | ·055 | ·059 | ·057 | ·055 | ·055 | ·067 | ·073 | ·077 | ·081 | ·075 | ·073 | ·071 | ·063 | ·055 | ·053 | ·039 | ·033 | ·027 | ·023 | ·023 | ·025 | ·027 | ·025 | ·019 | ·051 |
| 22 | ·019 | ·011 | ·999 | ·993 | ·993 | ·995 | ·999 | ·995 | ·989 | ·989 | ·989 | ·983 | ·977 | ·973 | ·971 | ·963 | ·963 | ·957 | ·955 | ·951 | ·951 | ·957 | ·961 | ·961 | ·957 | ·978 |
| 23 | ·957 | ·957 | ·953 | ·947 | ·937 | ·939 | ·945 | ·957 | ·959 | ·957 | ·961 | ·965 | ·963 | ·961 | ·969 | ·965 | ·963 | ·961 | ·961 | ·963 | ·965 | ·973 | ·969 | ·953 | ·959 | |
| 24 | ·953 | ·949 | ·935 | ·923 | ·919 | ·917 | ·925 | ·921 | ·919 | ·919 | ·915 | ·903 | ·891 | ·885 | ·881 | ·873 | ·861 | ·851 | ·839 | ·837 | ·837 | ·835 | ·823 | ·813 | ·803 | ·885 |
| 25 | ·803 | ·793 | ·777 | ·763 | ·757 | ·747 | ·743 | ·741 | ·737 | ·747 | ·777 | ·787 | ·803 | ·813 | ·835 | ·847 | ·865 | ·873 | ·895 | ·897 | ·915 | ·931 | ·947 | ·955 | ·963 | ·826 |
| 26 | ·963 | ·959 | ·955 | ·963 | ·967 | ·977 | ·987 | ·993 | ·997 | ·001 | ·001 | ·002 | ·004 | ·006 | ·010 | ·008 | ·004 | ·000 | ·000 | ·002 | ·006 | ·018 | ·010 | ·006 | ·000 | ·994 |
| 27 | ·000 | ·000 | ·004 | ·998 | ·996 | ·992 | ·996 | ·998 | ·000 | ·000 | ·000 | ·003 | ·009 | ·005 | ·003 | ·001 | ·001 | ·997 | ·001 | ·001 | ·007 | ·011 | ·015 | ·021 | ·033 | ·004 |
| 28 | ·033 | ·031 | ·041 | ·047 | ·059 | ·079 | ·091 | ·105 | ·123 | ·141 | ·142 | ·154 | ·158 | ·174 | ·176 | ·190 | ·196 | ·198 | ·208 | ·220 | ·242 | ·256 | ·256 | ·264 | ·145 | |
| 29 | ·264 | ·260 | ·258 | ·258 | ·262 | ·264 | ·268 | ·280 | ·288 | ·296 | ·296 | ·298 | ·298 | ·292 | ·292 | ·290 | ·286 | ·282 | ·274 | ·274 | ·278 | ·286 | ·294 | ·282 | ·284 | ·280 |
| 30 | ·284 | ·284 | ·288 | ·282 | ·272 | ·266 | ·270 | ·272 | ·278 | ·268 | ·266 | ·261 | ·249 | ·245 | ·239 | ·223 | ·221 | ·211 | ·205 | ·203 | ·207 | ·199 | ·191 | ·180 | ·179 | ·243 |
| 31 | ·179 | ·169 | ·163 | ·143 | ·147 | ·145 | ·145 | ·157 | ·167 | ·161 | ·159 | ·162 | ·166 | ·164 | ·162 | ·160 | ·154 | ·150 | ·154 | ·160 | ·164 | ·184

FALMOUTH. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 32 | 4 | 32 | 4 | 32 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | 13 | 4 | — | 3 |
| 2 | 32 | 4 | 32 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 3 | 4 | 2 | 5 | 4 | 5 | 4 | 4 |
| 3 | — | 2 | — | 2 | — | 2 | — | 3 | 2 | 4 | — | 2 | — | 2 | — | 2 | 7 | 4 | 9 | 5 | 11 | 6 | 12 | 4 |
| 4 | 2 | 4 | 2 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | 9 | 4 | 12 | 5 | 12 | 4 | — | 3 |
| 5 | — | 3 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | 32 | 4 | 1 | 4 | 3 | 4 | 12 | 4 | 12 | 5 | 12 | 4 |
| 6 | 31 | 5 | — | 3 | — | 3 | — | 3 | — | 1 | — | 2 | — | 3 | 30 | 5 | 30 | 7 | 32 | 6 | 31 | 5 | 28 | 7 |
| 7 | 26 | 7 | 26 | 5 | — | 3 | — | 3 | 22 | 5 | 22 | 6 | 22 | 5 | 21 | 7 | 23 | 12 | 22 | 14 | 22 | 12 | 22 | 12 |
| 8 | 19 | 11 | 19 | 10 | 18 | 12 | 18 | 12 | 18 | 12 | 18 | 15 | 18 | 16 | 18 | 16 | 19 | 16 | 20 | 16 | 22 | 13 | 20 | 17 |
| 9 | 22 | 10 | 22 | 8 | 22 | 8 | 22 | 7 | 22 | 9 | 22 | 10 | 23 | 12 | 22 | 14 | 21 | 15 | 21 | 16 | 20 | 18 | 20 | 17 |
| 10 | 18 | 17 | 18 | 18 | 18 | 19 | 18 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 19 | 16 | 19 | 16 | 19 | 15 | 19 | 19 | 19 | 15 |
| 11 | 19 | 6 | 19 | 7 | 18 | 4 | — | 3 | 14 | 4 | 12 | 7 | 17 | 10 | 17 | 13 | 17 | 15 | 17 | 16 | 17 | 16 | 17 | 17 |
| 12 | 23 | 4 | 23 | 4 | 27 | 5 | — | 3 | — | 2 | — | 1 | — | 1 | — | 2 | 21 | 4 | — | 3 | — | 3 | — | 2 |
| 13 | 22 | 7 | 22 | 8 | 22 | 7 | 22 | 7 | 22 | 5 | 22 | 4 | 22 | 5 | 24 | 4 | 25 | 6 | 30 | 9 | 28 | 10 | 28 | 10 |
| 14 | 23 | 6 | 23 | 6 | 24 | 7 | 23 | 7 | 21 | 4 | 21 | 4 | 26 | 6 | 27 | 8 | 26 | 7 | 27 | 8 | 25 | 7 | 27 | 8 |
| 15 | 24 | 7 | 23 | 7 | 23 | 4 | 26 | 7 | 23 | 4 | — | 3 | 25 | 4 | 25 | 7 | 23 | 9 | 21 | 10 | 20 | 12 | 20 | 13 |
| 16 | 21 | 12 | 22 | 10 | 22 | 11 | 21 | 11 | 21 | 11 | 21 | 10 | 19 | 8 | 19 | 12 | 19 | 15 | 19 | 18 | 20 | 23 | 20 | 24 |
| 17 | 22 | 14 | 21 | 17 | 21 | 16 | 21 | 18 | 23 | 13 | 23 | 14 | 23 | 16 | 24 | 16 | 23 | 18 | 24 | 18 | 24 | 21 | 24 | 20 |
| 18 | 28 | 18 | 29 | 16 | 29 | 14 | 29 | 15 | 29 | 15 | 30 | 16 | 30 | 15 | 30 | 13 | 30 | 15 | 31 | 15 | 31 | 20 | 31 | 20 |
| 19 | 32 | 13 | 32 | 10 | 30 | 10 | 31 | 12 | 32 | 15 | 32 | 13 | 31 | 13 | 31 | 14 | 32 | 12 | 32 | 13 | 32 | 15 | 31 | 13 |
| 20 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | 30 | 4 | 30 | 7 | 31 | 7 | 30 | 7 | 30 | 8 | 31 | 11 | 31 | 12 |
| 21 | 31 | 6 | 31 | 5 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 4 | — | 2 | — | 3 | 10 | 4 | 11 | 5 | 11 | 5 |
| 22 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | 17 | 4 | — | 3 | 15 | 4 |
| 23 | — | 1 | — | 1 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 | 19 | 4 | — | 3 | 20 | 6 | 19 | 7 | 21 | 7 |
| 24 | — | 3 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | — | 3 | — | 3 | 15 | 4 | 17 | 4 | 17 | 4 | 14 | 4 |
| 25 | — | 3 | 18 | 7 | 18 | 7 | 18 | 7 | 17 | 8 | 17 | 10 | 17 | 11 | 17 | 12 | 21 | 11 | 22 | 12 | 22 | 12 | 23 | 10 |
| 26 | 25 | 5 | 25 | 5 | 25 | 5 | 25 | 4 | — | 3 | — | 2 | 25 | 4 | 26 | 4 | 25 | 4 | 25 | 4 | 21 | 7 | 23 | 5 |
| 27 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | 14 | 4 | 14 | 5 | 22 | 9 | 21 | 10 | 20 | 9 |
| 28 | 31 | 6 | 31 | 4 | 31 | 4 | — | 3 | 31 | 4 | — | 3 | 31 | 9 | 31 | 9 | 30 | 9 | 30 | 9 | 31 | 12 | 31 | 10 |
| 29 | 31 | 7 | 31 | 6 | 31 | 5 | 31 | 5 | 31 | 4 | 31 | 5 | 31 | 6 | 31 | 4 | — | 3 | — | 3 | — | 3 | 13 | 4 |
| 30 | — | 2 | 31 | 4 | — | 2 | — | 3 | — | 3 | — | 2 | 31 | 4 | 31 | 7 | 29 | 7 | 29 | 5 | 29 | 8 | 30 | 8 |
| 31 | 28 | 7 | 29 | 7 | 29 | 5 | 29 | 6 | 29 | 4 | 29 | 5 | 29 | 5 | 31 | 7 | 31 | 7 | 31 | 7 | 31 | 9 | 32 | 10 |
| Mean ... | — | 6 | — | 6 | — | 6 | — | 6 | — | 5 | — | 6 | — | 7 | — | 7 | — | 8 | — | 9 | — | 10 | — | 10 |
| Mean, 1881–1905. | — | 7·0 | — | 7·2 | — | 7·0 | — | 6·7 | — | 6·7 | — | 6·8 | — | 7·9 | — | 8·9 | — | 9·7 | — | 10·3 | — | 11·1 | — | 11·1 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

FALMOUTH. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JULY, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | 02 | — | — | — | — | — | 06 | 16 | 01 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 28 |
| 8 | 01 | 04 | 07 | 04 | 03 | 01 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 01 | 22 |
| 9 | — | — | — | — | — | — | — | 01 | — | — | — | — | 02 | 01 | 10 | 05 | 05 | 02 | — | — | — | — | — | — | 26 |
| 10 | — | 01 | 01 | 03 | 01 | 02 | 03 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 12 |
| 11 | — | — | — | — | — | — | — | — | 01 | — | — | — | 03 | 04 | 01 | — | — | — | — | — | — | — | — | — | 09 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 01 |
| 14 | — | — | — | 08 | 02 | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 12 |
| 15 | — | — | — | 04 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 04 | 06 | 02 | 03 | 04 | 26 |
| 16 | 02 | — | — | — | — | — | 04 | 10 | 09 | 08 | — | — | — | — | — | 02 | 18 | 13 | 05 | 02 | — | — | — | — | 73 |
| 17 | 01 | 01 | 01 | — | — | — | — | — | 01 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 05 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | 02 | — | 01 | — | 01 | — | 04 | 02 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 08 | 06 | 10 | 19 | 08 | 03 | 11 | 20 | 30 | 10 | 03 | — | 05 | 07 | 12 | 07 | 23 | 15 | 07 | 06 | 06 | 02 | 03 | 05 | 226 |
| Average 1871–1905. | ·143 | ·151 | ·191 | ·147 | ·140 | ·177 | ·138 | ·122 | ·123 | ·128 | ·079 | ·114 | ·128 | ·137 | ·138 | ·114 | ·099 | ·105 | ·129 | ·142 | ·104 | ·123 | ·133 | ·121 | 3·126 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JULY, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 13 | 5 | 13 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 32 | 4 | 31 | 5 | 31 | 4 | 31 | 6 | 3 | 1 |
| 14 | 5 | 13 | 4 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | 3 | 2 |
| 11 | 6 | 10 | 4 | 3 | 4 | — | 3 | 3 | 4 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 3 | — | 2 | 3 | 3 |
| — | 3 | 16 | 4 | 15 | 4 | — | 2 | — | 3 | 29 | 5 | 30 | 5 | 31 | 5 | 31 | 4 | — | 2 | — | 2 | — | 2 | 3 | 4 |
| 11 | 4 | 12 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | 30 | 8 | 32 | 7 | 32 | 4 | 31 | 4 | — | 3 | 4 | 5 |
| 28 | 9 | 27 | 9 | 27 | 10 | 28 | 10 | 27 | 9 | 26 | 9 | 26 | 9 | 26 | 6 | 26 | 5 | 25 | 7 | 26 | 6 | 25 | 8 | 6 | 6 |
| 24 | 14 | 24 | 14 | 23 | 13 | 23 | 12 | 23 | 12 | 21 | 10 | 21 | 11 | 20 | 9 | 20 | 8 | 19 | 10 | 20 | 11 | 19 | 12 | 9 | 7 |
| 21 | 19 | 21 | 19 | 22 | 18 | 21 | 18 | 22 | 18 | 23 | 15 | 24 | 13 | 23 | 11 | 23 | 10 | 22 | 9 | 22 | 9 | 23 | 10 | 14 | 8 |
| 19 | 16 | 18 | 10 | 17 | 12 | 15 | 7 | 17 | 10 | 18 | 17 | 19 | 20 | 19 | 18 | 19 | 18 | 18 | 17 | 18 | 19 | 18 | 19 | 14 | 9 |
| 19 | 15 | 19 | 18 | 19 | 18 | 20 | 18 | 20 | 15 | 20 | 12 | 19 | 10 | 19 | 10 | 19 | 9 | 19 | 6 | 19 | 5 | 19 | 6 | 15 | 10 |
| 17 | 20 | 18 | 18 | 20 | 13 | 30 | 10 | 30 | 8 | 29 | 8 | 28 | 7 | 27 | 4 | 27 | 4 | 23 | 5 | 23 | 4 | 23 | 5 | 9 | 11 |
| — | 3 | 28 | 7 | 28 | 7 | 28 | 7 | 27 | 5 | 26 | 5 | 26 | 5 | — | 3 | 24 | 4 | 23 | 5 | 23 | 6 | 23 | 4 | 4 | 12 |
| 29 | 9 | 28 | 9 | 29 | 7 | 27 | 10 | 24 | 10 | 26 | 9 | 25 | 9 | 24 | 7 | 21 | 7 | 23 | 8 | 23 | 5 | 23 | 7 | 7 | 13 |
| 26 | 10 | 26 | 11 | 28 | 10 | 25 | 12 | 26 | 10 | 25 | 10 | 24 | 9 | 23 | 8 | 23 | 9 | 23 | 8 | 23 | 10 | 23 | 10 | 8 | 14 |
| 22 | 12 | 20 | 11 | 20 | 12 | 20 | 15 | 19 | 14 | 19 | 14 | 19 | 15 | 19 | 15 | 19 | 15 | 20 | 15 | 20 | 15 | 21 | 15 | 11 | 15 |
| 20 | 24 | 19 | 22 | 19 | 23 | 19 | 22 | 19 | 25 | 19 | 24 | 20 | 24 | 20 | 21 | 22 | 19 | 22 | 15 | 23 | 10 | 22 | 13 | 17 | 16 |
| 24 | 18 | 24 | 18 | 26 | 17 | 26 | 19 | 25 | 18 | 26 | 15 | 26 | 18 | 26 | 18 | 27 | 15 | 27 | 18 | 27 | 17 | 28 | 18 | 17 | 17 |
| 31 | 20 | 31 | 19 | 30 | 18 | 31 | 17 | 31 | 17 | 31 | 16 | 30 | 11 | 31 | 10 | 30 | 9 | 30 | 12 | 31 | 11 | 31 | 10 | 15 | 18 |
| 31 | 12 | 31 | 12 | 31 | 12 | 30 | 11 | 29 | 12 | 30 | 10 | 30 | 9 | 31 | 8 | 30 | 10 | 30 | 7 | 30 | 5 | 30 | 5 | 11 | 19 |
| 31 | 11 | 32 | 11 | 32 | 12 | 32 | 13 | 32 | 12 | 32 | 16 | 32 | 10 | 32 | 7 | 32 | 7 | 31 | 7 | 31 | 6 | 31 | 5 | 8 | 20 |
| 12 | 5 | 12 | 5 | — | 3 | 12 | 4 | 12 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 4 | 21 |
| 15 | 4 | 15 | 4 | 15 | 4 | 14 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | 2 | 22 |
| 21 | 7 | 21 | 7 | 21 | 6 | 21 | 5 | 20 | 6 | 21 | 5 | 21 | 4 | 21 | 4 | — | 2 | 21 | 4 | 21 | 4 | — | 2 | 4 | 23 |
| 14 | 5 | 17 | 6 | 17 | 4 | 17 | 5 | 16 | 4 | 17 | 4 | 17 | 4 | — | 3 | 17 | 4 | 17 | 6 | 17 | 5 | 17 | 4 | 4 | 24 |
| 25 | 10 | 25 | 10 | 25 | 12 | 26 | 12 | 27 | 10 | 26 | 10 | 26 | 6 | 26 | 5 | 25 | 5 | 25 | 5 | 25 | 5 | 25 | 4 | 9 | 25 |
| 22 | 5 | 24 | 6 | 21 | 10 | 20 | 9 | 20 | 8 | 21 | 8 | 21 | 7 | 21 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | 5 | 26 |
| 20 | 9 | 20 | 10 | 20 | 10 | 20 | 9 | 21 | 8 | 21 | 4 | — | 2 | 21 | 4 | — | 2 | — | 1 | 30 | 7 | 31 | 7 | 5 | 27 |
| 30 | 10 | 31 | 12 | 30 | 12 | 31 | 12 | 31 | 10 | 31 | 8 | 31 | 8 | 32 | 7 | 31 | 10 | 31 | 8 | 31 | 6 | 31 | 7 | 8 | 28 |
| 13 | 4 | — | 3 | 29 | 5 | 30 | 7 | 31 | 8 | 31 | 7 | 31 | 9 | 31 | 7 | 31 | 7 | 31 | 4 | 31 | 5 | — | 2 | 5 | 29 |
| 29 | 7 | 29 | 9 | 29 | 10 | 28 | 10 | 29 | 10 | 30 | 9 | 30 | 7 | 29 | 5 | — | 2 | 29 | 4 | 29 | 9 | 28 | 8 | 6 | 30 |
| 30 | 10 | 31 | 12 | 31 | 14 | 31 | 14 | 31 | 13 | 31 | 13 | 31 | 11 | 32 | 11 | 32 | 6 | 32 | 6 | 32 | 7 | 32 | 8 | 9 | 31 |
| — | 10 | — | 10 | — | 10 | — | 10 | — | 9 | — | 9 | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | 8 | |
| — | 11·3 | — | 11·4 | — | 11·4 | — | 11·1 | — | 10·8 | — | 10·1 | — | 9·0 | — | 7·8 | — | 7·4 | — | 7·2 | — | 7·1 | — | 7·0 | 8·9 | Mean, 1881–1905. |

FALMOUTH. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JULY, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | [after sunset. |
| 1 | — | — | ·7 | — | — | ·2 | ·6 | ·2 | ·9 | ·8 | — | — | — | — | — | — | — | 3·4 | Cloudy to overcast. Sky unusually light |
| 2 | — | — | — | — | — | — | — | ·1 | — | ·4 | — | ·5 | 1·0 | — | ·1 | ·2 | — | 2·3 | Cloudy day, clearing in evening; warm. |
| 3 | — | ·9 | ·5 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·8 | ·1 | — | ·2 | ·2 | 1·0 | 1·0 | 1·0 | ·1 | 10·6 | Fine day. |
| 4 | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | 14·5 | Very fine and bright. |
| 5 | — | ·5 | ·3 | — | ·7 | 1·0 | ·6 | — | — | — | — | ·6 | ·1 | 1·0 | ·7 | ·2 | — | 5·7 | Fine; heat ≈ in afternoon. |
| 6 | — | — | — | — | — | — | — | — | ·5 | 1·0 | ·9 | ·2 | ·5 | ·8 | ·9 | — | 4·8 | A.M. overcast; P.M. cloudy. |
| 7 | — | — | — | — | — | — | — | ·2 | 1·0 | ·9 | 1·0 | ·7 | — | ·2 | — | — | 4·0 | ● between 8h. and 11h., then brightening. |
| 8 | — | — | — | — | — | — | ·2 | ·4 | ·5 | 1·0 | ·8 | ·9 | ·6 | ·6 | ·9 | ·3 | — | 6·2 | ● early, then cloudy to fine. |
| 9 | — | ·1 | 1·0 | 1·0 | ·9 | ·2 | ·1 | — | — | — | — | — | — | — | — | — | — | 3·3 | Fine morning, becoming wet and squally [later. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | ·1 | — | ·1 | — | — | — | 0·2 | Overcast all day and ● till 9h. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | 0·2 | Dull day, with drizzling ● P.M. |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·7 | — | — | ·4 | — | 1·1 | Very cloudy. |
| 13 | — | — | ·6 | ·4 | ·5 | ·7 | ·8 | — | ·1 | — | ·4 | ·7 | 1·0 | ·3 | ·3 | ·05 | — | 5·85 | Fair. |
| 14 | — | — | — | ·4 | ·1 | ·8 | ·2 | — | ·9 | ·8 | 1·0 | ·9 | ·9 | 1·0 | ·7 | ·2 | — | 7·9 | ● early, then fair; fine evening. |
| 15 | — | ·1 | ·1 | ·7 | 1·0 | ·5 | ·3 | ·2 | — | — | — | — | ·2 | — | — | — | — | 3·1 | ● shower about 4h., then improving; ● |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | A wet and squally day. [again from 19h. |
| 17 | — | ·1 | ·7 | ·8 | ·8 | ·4 | ·9 | 1·0 | — | — | — | — | ·3 | — | — | — | — | 5·0 | Fine to overcast; squally. |
| 18 | — | — | — | — | ·1 | ·6 | ·3 | ·6 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | 7·6 | Fine day, with fresh wind. |
| 19 | — | — | ·5 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | 12·0 | Fine and bright. |
| 20 | — | — | — | — | — | ·1 | — | ·1 | ·6 | — | — | — | ·8 | 1·0 | 1·0 | ·8 | — | 4·4 | Overcast to cloudy; clearing in evening. |
| 21 | — | — | ·3 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·3 | — | 12·2 | Very fine and bright. |
| 22 | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·8 | 1·0 | ·4 | — | 10·4 | ≈ early; fine. |
| 23 | — | — | ·1 | — | ·1 | — | ·1 | — | — | — | — | — | — | — | — | — | — | 0·3 | Overcast generally. |
| 24 | — | — | — | — | — | — | — | — | — | ·2 | ·1 | — | — | — | — | — | — | 0·3 | Dull day. |
| 25 | — | — | — | ·3 | 1·0 | ·3 | ·2 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | 9·2 | ● till 10h., then fine. |
| 26 | — | ·1 | ·8 | 1·0 | 1·0 | ·9 | ·5 | — | ·3 | ·3 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | — | — | 9·7 | Bright to cloudy. |
| 27 | — | ·2 | ·4 | ·9 | ·5 | ·8 | ·5 | ·1 | 1·0 | ·1 | — | — | — | — | — | — | — | 4·5 | A.M. sunny; P.M. overcast. |
| 28 | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | ·1 | ·8 | 1·0 | ·6 | — | 12·1 | Fine. |
| 29 | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | 14·2 | Very fine and bright. |
| 30 | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | 12·2 | Fine day. |
| 31 | — | ·2 | ·3 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | 12·9 | Fine day. |
| | — | 4·8 | 10·2 | 12·6 | 14·1 | 15·8 | 14·6 | 11·5 | 14·9 | 14·8 | 15·2 | 16·9 | 15·8 | 15·6 | 15·2 | 8·05 | 0·1 | 200·15 | Total. |
| | 0·09 | 6·01 | 11·85 | 14·00 | 14·98 | 15·99 | 16·90 | 17·42 | 16·88 | 17·16 | 17·32 | 17·80 | 17·41 | 16·85 | 15·18 | 8·39 | 0·13 | 224·37 | Mean Total, 1881–1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JULY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·4 | 58·6 | 58·5 | 58·1 | 58·8 | 59·3 | 60·1 | 62·5 | 63·6 | 66·0 | 66·9 | 67·8 | 68·3 | 68·8 | 67·0 | 65·2 | 66·2 | 66·6 | 65·7 | 66·2 | 65·1 | 63·9 | 62·1 | 62·8 | 61·8 | 63·8 |
| 2 | 61·8 | 61·9 | 61·9 | 61·7 | 62·2 | 61·6 | 61·1 | 62·5 | 65·1 | 67·9 | 69·7 | 71·3 | 72·8 | 70·1 | 69·0 | 68·0 | 69·0 | 70·0 | 69·4 | 68·8 | 67·1 | 66·1 | 66·1 | 65·3 | 63·6 | 66·3 |
| 3 | 63·6 | 61·8 | 62·0 | 61·7 | 61·0 | 60·9 | 62·3 | 64·0 | 67·7 | 70·1 | 71·0 | 71·6 | 70·0 | 69·2 | 68·5 | 67·9 | 67·7 | 69·0 | 71·0 | 70·8 | 65·3 | 61·0 | 60·2 | 61·7 | 62·0 | 65·8 |
| 4 | 62·0 | 60·9 | 60·3 | 61·3 | 58·8 | 58·7 | 60·0 | 63·7 | 66·3 | 67·9 | 67·0 | 64·8 | 64·3 | 64·0 | 65·0 | 65·4 | 67·0 | 67·5 | 71·1 | 70·0 | 67·1 | 64·6 | 63·0 | 61·9 | 60·0 | 64·2 |
| 5 | 60·0 | 60·0 | 61·0 | 61·9 | 60·1 | 59·8 | 59·6 | 60·2 | 61·9 | 65·0 | 67·0 | 65·8 | 64·1 | 63·7 | 63·8 | 64·0 | 63·8 | 64·0 | 63·3 | 62·4 | 62·3 | 62·3 | 62·9 | 61·0 | 60·0 | 59·0 | 62·4 |
| 6 | 59·0 | 59·0 | 58·2 | 57·8 | 58·1 | 58·0 | 59·0 | 61·2 | 61·0 | 62·1 | 62·9 | 62·9 | 62·7 | 63·9 | 63·0 | 63·0 | 63·0 | 62·5 | 61·3 | 61·2 | 59·1 | 58·9 | 58·6 | 59·1 | 59·2 | 60·7 |
| 7 | 59·2 | 59·1 | 57·9 | 57·3 | 57·0 | 57·0 | 58·1 | 59·6 | 61·0 | 60·7 | 61·2 | 61·8 | 63·3 | 65·0 | 65·0 | 67·0 | 66·0 | 64·5 | 63·4 | 62·0 | 61·0 | 60·0 | 59·7 | 59·1 | 59·0 | 61·1 |
| 8 | 59·0 | 59·5 | 59·0 | 58·8 | 58·0 | 57·8 | 58·1 | 58·8 | 60·2 | 60·9 | 60·1 | 62·0 | 62·7 | 62·9 | 63·2 | 63·2 | 63·0 | 61·9 | 60·3 | 60·1 | 58·8 | 57·1 | 56·3 | 55·1 | 55·1 | 59·8 |
| 9 | 55·1 | 54·7 | 54·0 | 54·7 | 54·4 | 54·1 | 55·3 | 56·1 | 58·9 | 60·3 | 60·7 | 60·3 | 62·0 | 60·8 | 59·8 | 59·1 | 58·0 | 58·1 | 59·3 | 60·5 | 60·6 | 60·9 | 60·6 | 60·8 | 60·9 | 58·8 |
| 10 | 60·9 | 61·0 | 60·9 | 60·7 | 60·3 | 60·7 | 60·9 | 61·0 | 59·8 | 60·3 | 61·3 | 62·0 | 62·0 | 63·3 | 63·2 | 63·8 | 63·1 | 62·1 | 61·0 | 60·6 | 59·8 | 59·0 | 58·9 | 58·7 | 58·8 | 61·0 |
| 11 | 58·8 | 58·3 | 58·1 | 58·2 | 57·3 | 57·0 | 57·6 | 60·1 | 60·6 | 63·1 | 62·0 | 62·0 | 63·4 | 61·0 | 60·8 | 61·1 | 58·0 | 56·7 | 57·3 | 57·1 | 55·3 | 53·9 | 53·0 | 52·9 | 52·3 | 58·3 |
| 12 | 52·3 | 52·7 | 51·9 | 53·0 | 51·6 | 52·0 | 53·4 | 55·1 | 56·2 | 57·0 | 58·3 | 59·7 | 60·3 | 58·8 | 59·2 | 61·1 | 60·0 | 59·7 | 59·0 | 58·9 | 57·3 | 54·9 | 53·7 | 54·1 | 54·2 | 56·3 |
| 13 | 54·2 | 55·0 | 54·3 | 54·2 | 54·0 | 54·0 | 55·0 | 55·8 | 58·1 | 61·3 | 62·0 | 61·1 | 61·7 | 60·1 | 61·1 | 59·1 | 61·0 | 61·7 | 59·0 | 57·9 | 57·0 | 55·0 | 53·4 | 52·1 | 52·9 | 57·5 |
| 14 | 52·9 | 52·8 | 52·9 | 53·7 | 52·3 | 52·5 | 52·5 | 55·9 | 57·2 | 55·1 | 58·8 | 59·0 | 57·9 | 60·0 | 59·9 | 61·3 | 61·5 | 60·1 | 60·0 | 58·1 | 56·9 | 55·2 | 55·0 | 55·2 | 54·7 | 56·6 |
| 15 | 54·7 | 55·0 | 53·4 | 54·0 | 54·7 | 53·1 | 54·0 | 54·1 | 57·9 | 60·0 | 58·0 | 60·1 | 61·2 | 60·4 | 60·4 | 60·4 | 62·0 | 59·6 | 58·3 | 57·2 | 56·7 | 57·0 | 57·7 | 58·0 | 58·3 | 57·5 |
| 16 | 58·3 | 58·2 | 57·8 | 58·0 | 57·1 | 57·2 | 57·7 | 58·8 | 58·9 | 60·0 | 60·1 | 60·1 | 60·2 | 60·3 | 60·4 | 60·3 | 60·0 | 59·0 | 58·8 | 59·2 | 59·3 | 57·8 | 57·0 | 56·6 | 56·1 | 58·7 |
| 17 | 56·1 | 56·3 | 55·3 | 55·5 | 55·8 | 56·0 | 55·6 | 55·2 | 58·0 | 59·0 | 57·2 | 60·2 | 61·1 | 59·1 | 57·6 | 58·8 | 60·0 | 59·8 | 59·0 | 58·8 | 58·1 | 58·0 | 57·7 | 57·4 | 57·1 | 57·8 |
| 18 | 57·1 | 57·0 | 56·0 | 56·8 | 56·9 | 56·8 | 58·6 | 58·7 | 57·0 | 57·0 | 57·3 | 57·3 | 58·0 | 59·0 | 59·5 | 60·5 | 60·0 | 60·0 | 59·0 | 58·5 | 56·9 | 56·3 | 56·1 | 55·9 | 55·2 | 57·6 |
| 19 | 55·2 | 55·4 | 55·1 | 54·8 | 55·0 | 55·0 | 55·0 | 56·7 | 58·1 | 57·9 | 59·0 | 60·0 | 60·4 | 61·8 | 61·6 | 60·1 | 60·3 | 59·0 | 58·4 | 56·6 | 56·5 | 55·9 | 55·3 | 55·3 | 56·0 | 57·5 |
| 20 | 56·0 | 55·9 | 56·3 | 57·2 | 57·6 | 58·0 | 58·9 | 59·9 | 60·9 | 61·0 | 63·7 | 62·0 | 63·4 | 62·9 | 62·0 | 62·0 | 62·0 | 62·0 | 61·9 | 60·4 | 60·0 | 58·0 | 56·2 | 56·0 | 54·8 | 54·6 | 59·4 |
| 21 | 54·6 | 54·0 | 54·0 | 53·7 | 53·1 | 53·6 | 54·8 | 56·3 | 59·8 | 63·4 | 64·1 | 64·5 | 64·9 | 64·2 | 64·3 | 64·3 | 65·5 | 65·1 | 65·3 | 64·3 | 61·0 | 59·3 | 58·1 | 57·2 | 57·0 | 60·0 |
| 22 | 57·0 | 55·9 | 55·3 | 54·8 | 54·2 | 54·0 | 54·9 | 55·0 | 57·0 | 60·9 | 63·0 | 63·8 | 63·4 | 64·8 | 64·3 | 65·0 | 65·2 | 64·0 | 64·3 | 63·1 | 61·7 | 58·7 | 56·7 | 56·2 | 56·0 | 59·7 |
| 23 | 56·0 | 55·8 | 54·2 | 53·8 | 54·1 | 54·9 | 55·2 | 58·0 | 59·1 | 62·1 | 63·0 | 64·1 | 65·0 | 66·0 | 64·3 | 64·0 | 65·0 | 65·0 | 63·7 | 63·0 | 61·9 | 60·9 | 60·0 | 59·6 | 60·0 | 60·4 |
| 24 | 60·0 | 59·9 | 58·1 | 57·3 | 58·1 | 59·0 | 59·1 | 60·2 | 61·0 | 63·2 | 62·1 | 63·9 | 64·9 | 66·0 | 65·5 | 65·7 | 64·1 | 63·8 | 62·0 | 61·3 | 60·6 | 59·7 | 59·9 | 60·0 | 60·1 | 61·5 |
| 25 | 60·1 | 60·0 | 60·0 | 59·8 | 59·4 | 59·7 | 59·7 | 60·0 | 60·6 | 63·1 | 64·3 | 63·7 | 64·0 | 66·8 | 65·0 | 64·1 | 63·4 | 63·0 | 62·0 | 61·0 | 58·0 | 55·7 | 55·0 | 54·3 | 53·9 | 60·8 |
| 26 | 53·9 | 53·2 | 53·0 | 53·0 | 53·0 | 53·7 | 55·0 | 58·0 | 60·0 | 62·1 | 62·0 | 62·4 | 62·4 | 63·7 | 63·0 | 66·0 | 65·1 | 65·2 | 63·8 | 61·0 | 58·2 | 57·0 | 55·0 | 56·0 | 54·9 | 59·0 |
| 27 | 54·9 | 54·1 | 53·9 | 53·3 | 53·1 | 52·8 | 55·0 | 57·0 | 62·0 | 62·7 | 64·2 | 63·9 | 65·0 | 68·7 | 66·1 | 65·0 | 64·1 | 63·0 | 61·8 | 61·9 | 61·3 | 61·0 | 60·3 | 57·8 | 58·0 | 60·2 |
| 28 | 58·0 | 58·0 | 57·1 | 55·6 | 55·2 | 55·5 | 56·3 | 60·0 | 61·0 | 62·0 | 62·7 | 63·0 | 63·0 | 63·9 | 62·4 | 62·2 | 61·0 | 61·0 | 61·5 | 60·2 | 58·1 | 57·0 | 56·3 | 55·8 | 55·1 | 59·4 |
| 29 | 55·1 | 55·0 | 54·3 | 54·0 | 53·4 | 53·8 | 54·6 | 57·1 | 60·3 | 64·0 | 64·8 | 65·9 | 68·0 | 67·8 | 68·0 | 68·0 | 67·0 | 66·6 | 66·1 | 65·0 | 62·8 | 60·0 | 58·1 | 57·2 | 56·8 | 55·9 | 60·8 |
| 30 | 55·9 | 55·2 | 55·1 | 56·0 | 55·7 | 55·4 | 56·6 | 59·7 | 62·2 | 64·0 | 65·1 | 66·1 | 67·0 | 68·2 | 67·2 | 66·8 | 65·2 | 64·5 | 63·1 | 63·0 | 62·0 | 62·1 | 61·1 | 60·6 | 60·6 | 61·7 |
| 31 | 60·6 | 60·7 | 60·3 | 60·0 | 60·0 | 60·3 | 60·9 | 62·1 | 63·0 | 65·3 | 66·2 | 67·0 | 67·8 | 67·1 | 66·2 | 65·6 | 65·0 | 64·1 | 62·2 | 61·0 | 58·8 | 57·1 | 57·0 | 56·0 | 55·9 | 62·2 |
| Mean ... | 57·4 | 57·3 | 56·8 | 56·8 | 56·5 | 56·6 | 57·2 | 59·0 | 60·5 | 62·1 | 62·8 | 63·3 | 63·7 | 63·9 | 63·4 | 63·5 | 63·3 | 62·9 | 62·2 | 61·5 | 60·0 | 58·7 | 58·0 | 57·6 | 57·4 | 60·2 |
| Mean, 1871–1905. | 57·3 | 57·1 | 56·9 | 56·8 | 56·6 | 56·6 | 57·4 | 59·3 | 60·7 | 62·1 | 62·8 | 63·6 | 63·8 | 64·2 | 64·1 | 64·0 | 63·6 | 63·2 | 62·3 | 61·2 | 59·7 | 58·5 | 57·9 | 57·6 | 57·3 | 60·2 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JULY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 93 | 91 | 89 | 92 | 90 | 90 | 86 | 79 | 79 | 79 | 70 | 74 | 75 | 69 | 75 | 77 | 73 | 70 | 76 | 72 | 73 | 78 | 82 | 77 | 82 | 79·3 |
| 2 | 82 | 83 | 83 | 84 | 77 | 79 | 78 | 71 | 66 | 59 | 55 | 49 | 47 | 64 | 62 | 60 | 56 | 51 | 59 | 57 | 62 | 65 | 65 | 69 | 74 | 65·8 |
| 3 | 74 | 81 | 76 | 76 | 76 | 76 | 75 | 74 | 61 | 55 | 52 | 54 | 57 | 55 | 55 | 52 | 54 | 48 | 48 | 67 | 77 | 72 | 59 | 59 | 63 | 63·0 |
| 4 | 59 | 61 | 65 | 62 | 71 | 69 | 67 | 65 | 61 | 65 | 73 | 79 | 81 | 81 | 79 | 81 | 78 | 76 | 58 | 65 | 70 | 77 | 87 | 89 | 94 | 72·3 |
| 5 | 94 | 88 | 81 | 71 | 73 | 77 | 86 | 95 | 91 | 81 | 79 | 81 | 83 | 83 | 80 | 82 | 83 | 83 | 86 | 89 | 92 | 90 | 93 | 90 | 90 | 84·5 |
| 6 | 90 | 89 | 91 | 92 | 93 | 94 | 95 | 91 | 87 | 73 | 68 | 68 | 69 | 64 | 63 | 59 | 64 | 69 | 75 | 75 | 82 | 83 | 85 | 84 | 87 | 79·2 |
| 7 | 87 | 87 | 89 | 91 | 89 | 93 | 95 | 91 | 89 | 95 | 95 | 95 | 92 | 82 | 78 | 73 | 73 | 76 | 81 | 87 | 89 | 90 | 91 | 92 | 93 | 87·7 |
| 8 | 93 | 91 | 94 | 95 | 95 | 94 | 97 | 95 | 94 | 91 | 91 | 79 | 79 | 70 | 70 | 66 | 72 | 73 | 81 | 76 | 79 | 83 | 84 | 87 | 86 | 84·4 |
| 9 | 86 | 87 | 85 | 85 | 88 | 86 | 86 | 77 | 78 | 70 | 78 | 80 | 77 | 77 | 83 | 89 | 93 | 94 | 97 | 97 | 97 | 96 | 95 | 96 | 95 | 87·4 |
| 10 | 95 | 94 | 95 | 96 | 97 | 96 | 96 | 96 | 94 | 93 | 92 | 86 | 82 | 81 | 79 | 78 | 77 | 79 | 85 | 89 | 93 | 93 | 93 | 93 | 91 | 89·0 |
| 11 | 91 | 94 | 94 | 94 | 97 | 94 | 96 | 94 | 92 | 87 | 92 | 86 | 87 | 82 | 93 | 95 | 94 | 87 | 89 | 82 | 83 | 86 | 88 | 90 | 88 | 89 |
| 12 | 89 | 89 | 89 | 86 | 90 | 88 | 91 | 91 | 87 | 82 | 80 | 77 | 76 | 74 | 70 | 64 | 70 | 68 | 72 | 73 | 81 | 85 | 84 | 85 | 85 | 80·8 |
| 13 | 85 | 86 | 89 | 92 | 93 | 93 | 94 | 85 | 86 | 76 | 77 | 77 | 74 | 76 | 77 | 81 | 69 | 64 | 75 | 77 | 77 | 86 | 85 | 86 | 86 | 81·7 |
| 14 | 86 | 86 | 87 | 87 | 91 | 95 | 97 | 89 | 81 | 81 | 67 | 71 | 76 | 66 | 64 | 67 | 62 | 65 | 63 | 72 | 76 | 82 | 86 | 86 | 89 | 78·5 |
| 15 | 89 | 88 | 90 | 90 | 84 | 92 | 93 | 92 | 73 | 68 | 76 | 71 | 68 | 68 | 74 | 75 | 73 | 78 | 84 | 93 | 95 | 94 | 96 | 98 | 98 | 83·6 |
| 16 | 98 | 98 | 94 | 93 | 94 | 97 | 90 | 95 | 96 | 96 | 98 | 98 | 97 | 94 | 93 | 93 | 90 | 96 | 97 | 99 | 98 | 90 | 89 | 89 | 88 | 94·5 |
| 17 | 88 | 88 | 92 | 92 | 90 | 90 | 88 | 89 | 91 | 80 | 76 | 86 | 79 | 76 | 78 | 87 | 84 | 80 | 78 | 82 | 81 | 83 | 81 | 83 | 82 | 83·8 |
| 18 | 82 | 82 | 87 | 82 | 82 | 82 | 81 | 78 | 80 | 79 | 78 | 78 | 72 | 71 | 70 | 70 | 70 | 71 | 67 | 70 | 74 | 76 | 79 | 80 | 81 | 76·7 |
| 19 | 84 | 84 | 85 | 85 | 84 | 87 | 87 | 83 | 81 | 78 | 78 | 76 | 75 | 73 | 74 | 77 | 75 | 78 | 79 | 79 | 79 | 84 | 85 | 87 | 87 | 80·8 |
| 20 | 87 | 90 | 92 | 91 | 91 | 92 | 95 | 94 | 91 | 92 | 85 | 87 | 83 | 83 | 82 | 79 | 74 | 73 | 73 | 75 | 81 | 87 | 87 | 90 | 89 | 85·6 |
| 21 | 89 | 91 | 87 | 89 | 92 | 92 | 90 | 91 | 83 | 75 | 75 | 75 | 77 | 78 | 80 | 82 | 81 | 82 | 82 | 78 | 84 | 87 | 89 | 91 | 88 | 84·2 |
| 22 | 88 | 92 | 93 | 92 | 93 | 93 | 95 | 100 | 94 | 84 | 79 | 78 | 80 | 73 | 75 | 75 | 78 | 82 | 79 | 74 | 77 | 85 | 88 | 91 | 91 | 85·0 |
| 23 | 91 | 90 | 96 | 94 | 94 | 94 | 94 | 92 | 90 | 87 | 86 | 83 | 80 | 80 | 85 | 86 | 83 | 84 | 88 | 88 | 89 | 94 | 95 | 94 | 91 | 89·1 |
| 24 | 94 | 91 | 94 | 93 | 94 | 94 | 94 | 93 | 90 | 86 | 86 | 79 | 81 | 78 | 77 | 75 | 78 | 79 | 82 | 86 | 89 | 90 | 93 | 93 | 93 | 86·9 |
| 25 | 93 | 95 | 95 | 94 | 97 | 95 | 96 | 96 | 96 | 92 | 83 | 84 | 82 | 73 | 73 | 69 | 70 | 67 | 62 | 72 | 81 | 87 | 86 | 89 | 87 | 84·4 |
| 26 | 87 | 89 | 90 | 90 | 89 | 88 | 88 | 81 | 72 | 64 | 60 | 71 | 71 | 66 | 67 | 61 | 61 | 58 | 64 | 73 | 80 | 83 | 87 | 82 | 89 | 75·9 |
| 27 | 89 | 92 | 93 | 96 | 93 | 94 | 92 | 87 | 79 | 79 | 63 | 64 | 63 | 59 | 62 | 65 | 72 | 73 | 77 | 81 | 84 | 86 | 90 | 88 | 87 | 80·0 |
| 28 | 87 | 87 | 87 | 88 | 91 | 91 | 91 | 84 | 77 | 76 | 74 | 67 | 68 | 66 | 65 | 68 | 72 | 68 | 70 | 72 | 78 | 76 | 79 | 81 | 84 | 77·5 |
| 29 | 84 | 86 | 87 | 87 | 89 | 87 | 85 | 83 | 80 | 68 | 63 | 60 | 60 | 57 | 60 | 63 | 62 | 62 | 62 | 73 | 82 | 87 | 87 | 87 | 89 | 75·1 |
| 30 | 89 | 92 | 93 | 93 | 94 | 96 | 94 | 88 | 77 | 72 | 72 | 69 | 60 | 59 | 59 | 67 | 73 | 78 | 84 | 84 | 89 | 88 | 93 | 95 | 96 | 81·8 |
| 31 | 96 | 95 | 94 | 95 | 96 | 93 | 90 | 87 | 82 | 72 | 66 | 59 | 60 | 60 | 62 | 63 | 66 | 68 | 73 | 74 | 81 | 82 | 86 | 86 | 86 | 77·4 |
| Mean ... | 87·7 | 88·3 | 88·9 | 88·5 | 89·3 | 89·6 | 89·7 | 87·4 | 82·5 | 78·6 | 76·6 | 75·3 | 74·2 | 72·8 | 73·5 | 73·5 | 73·1 | 73·5 | 75·3 | 77·8 | 81·9 | 84·9 | 86·4 | 86·6 | 87·5 | 81·5 |
| Mean, 1886–1905. | 89·4 | 89·6 | 90·0 | 90·1 | 90·1 | 90·2 | 88·9 | 85·3 | 80·7 | 76·5 | 74·6 | 73·2 | 72·4 | 72·0 | 71·9 | 72·1 | 72·7 | 73·4 | 74·9 | 78·3 | 82·8 | 86·5 | 87·9 | 89·0 | 89·4 | 81·4 |

[*Price Sixpence.*]

# KEW OBSERVATORY. JULY, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. JULY, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·303 | 0·233 | 78·9 | 55·1 | 9 | 9·915 | 9·715 | 69·2 | 54·7 | 17 | 9·512 | **9·363** | 63·9 | 57·3 | 25 | 0·035 | 9·929 | 76·4 | 59·3 |
| 2 | 0·305 | 0·232 | 70·7 | 54·7 | 10 | 9·839 | 9·747 | 67·4 | 55·1 | 18 | 9·938 | 9·456 | 64·5 | 55·8 | 26 | 0·129 | 0·033 | 76·1 | 55·3 |
| 3 | 0·259 | 0·073 | **81·2** | 52·4 | 11 | 9·754 | 9·666 | 71·2 | 58·5 | 19 | 0·124 | 9·934 | 64·5 | 55·0 | 27 | 0·143 | 0·096 | 75·2 | 54·4 |
| 4 | 0·101 | 9·966 | 65·7 | 57·7 | 12 | 9·654 | 9·442 | 68·5 | 56·8 | 20 | 0·195 | 0·069 | 67·3 | **49·7** | 28 | 0·370 | 0·130 | 72·9 | 57·5 |
| 5 | 0·044 | 9·990 | 68·3 | 56·7 | 13 | 9·708 | 9·514 | 61·3 | 56·0 | 21 | 0·226 | 0·156 | 71·1 | 52·9 | 29 | **0·422** | 0·366 | 72·9 | 53·9 |
| 6 | 0·036 | 9·924 | 72·7 | 56·2 | 14 | 9·856 | 9·708 | 64·0 | 51·8 | 22 | 0·179 | 0·062 | 76·1 | 50·3 | 30 | 0·407 | 0·228 | 80·5 | 52·3 |
| 7 | 9·938 | 9·855 | 71·0 | 56·3 | 15 | 9·942 | 9·856 | 66·8 | 53·1 | 23 | 0·096 | 0·058 | 75·4 | 54·6 | 31 | 0·294 | 0·214 | 71·6 | 57·0 |
| 8 | 9·927 | 9·702 | 64·8 | 56·7 | 16 | 9·921 | 9·512 | 64·6 | 55·9 | 24 | 0·086 | 9·988 | 78·6 | 55·4 | Mean. | — | — | 71·0 | 55·1 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. JULY, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·236 | 0·234 | 0·234 | 0·233 | 0·246 | 0·252 | 0·254 | 0·260 | 0·266 | 0·260 | 0·260 | 0·257 | 0·251 | 0·247 | 0·244 | 0·240 | 0·239 | 0·248 | 0·246 | 0·255 | 0·262 | 0·271 | 0·281 | 0·289 | 0·303 | 0·254 |
| 2 | 0·303 | 0·301 | 0·303 | 0·292 | 0·296 | 0·299 | 0·299 | 0·299 | 0·295 | 0·292 | 0·291 | 0·286 | 0·274 | 0·266 | 0·252 | 0·253 | 0·241 | 0·234 | 0·235 | 0·233 | 0·236 | 0·243 | 0·246 | 0·252 | 0·250 | 0·271 |
| 3 | 0·250 | 0·243 | 0·234 | 0·227 | 0·222 | 0·217 | 0·207 | 0·215 | 0·209 | 0·194 | 0·178 | 0·171 | 0·151 | 0·136 | 0·124 | 0·127 | 0·104 | 0·080 | 0·075 | 0·077 | 0·080 | 0·089 | 0·100 | 0·110 | 0·103 | 0·092 |
| 4 | 0·092 | 0·080 | 0·083 | 0·055 | 0·053 | 0·045 | 0·049 | 0·057 | 0·059 | 0·057 | 0·059 | 0·052 | 0·045 | 0·037 | 0·028 | 0·016 | 9·995 | 9·981 | 9·973 | 9·970 | 9·992 | 9·987 | 0·007 | 0·008 | 0·004 | 0·031 |
| 5 | 0·004 | 9·998 | 9·995 | 9·996 | 0·004 | 0·004 | 0·011 | 0·026 | 0·038 | 0·042 | 0·036 | 0·034 | 0·036 | 0·037 | 0·033 | 0·030 | 0·015 | 0·007 | 0·005 | 0·007 | 0·016 | 0·021 | 0·037 | 0·033 | 0·036 | 0·020 |
| 6 | 0·036 | 0·029 | 0·024 | 0·024 | 0·020 | 0·021 | 0·019 | 0·023 | 0·025 | 0·023 | 0·015 | 0·010 | 0·008 | 9·990 | 9·971 | 9·956 | 9·943 | 9·936 | 9·924 | 9·926 | 9·931 | 9·933 | 9·938 | 9·940 | 9·938 | 9·984 |
| 7 | 9·938 | 9·936 | 9·931 | 9·924 | 9·926 | 9·929 | 9·926 | 9·930 | 9·929 | 9·919 | 9·916 | 9·908 | 9·905 | 9·893 | 9·878 | 9·871 | 9·865 | 9·857 | 9·860 | 9·861 | 9·881 | 9·903 | 9·920 | 9·924 | 9·927 | 9·905 |
| 8 | 9·927 | 9·920 | 9·916 | 9·901 | 9·891 | 9·885 | 9·882 | 9·877 | 9·861 | 9·858 | 9·838 | 9·828 | 9·825 | 9·807 | 9·788 | 9·761 | 9·740 | 9·734 | 9·715 | 9·704 | 9·705 | 9·712 | 9·714 | 9·716 | 9·717 | 9·808 |
| 9 | 9·717 | 9·717 | 9·722 | 9·728 | 9·748 | 9·759 | 9·774 | 9·787 | 9·797 | 9·797 | 9·823 | 9·824 | 9·833 | 9·821 | 9·836 | 9·846 | 9·847 | 9·862 | 9·879 | 9·888 | 9·911 | 9·902 | 9·899 | 9·864 | 9·839 | 9·818 |
| 10 | 9·839 | 9·817 | 9·806 | 9·787 | 9·786 | 9·795 | 9·792 | 9·793 | 9·790 | 9·791 | 9·785 | 9·783 | 9·780 | 9·770 | 9·766 | 9·759 | 9·762 | 9·763 | 9·749 | 9·749 | 9·749 | 9·749 | 9·753 | 9·759 | 9·754 | 9·776 |
| 11 | 9·754 | 9·739 | 9·739 | 9·738 | 9·739 | 9·744 | 9·746 | 9·753 | 9·743 | 9·735 | 9·733 | 9·726 | 9·710 | 9·705 | 9·682 | 9·671 | 9·667 | 9·645 | 9·625 | 9·622 | 9·621 | 9·627 | 9·625 | 9·619 | 9·606 | 9·693 |
| 12 | 9·666 | 9·606 | 9·604 | 9·600 | 9·615 | 9·643 | 9·641 | 9·633 | 9·627 | 9·614 | 9·619 | 9·589 | 9·606 | 9·588 | 9·587 | 9·573 | 9·563 | 9·527 | 9·510 | 9·518 | 9·528 | 9·547 | 9·541 | 9·536 | 9·534 | 9·583 |
| 13 | 9·534 | 9·525 | 9·526 | 9·521 | 9·522 | 9·518 | 9·516 | 9·524 | 9·535 | 9·547 | 9·575 | 9·594 | 9·607 | 9·616 | 9·623 | 9·634 | 9·634 | 9·635 | 9·642 | 9·652 | 9·673 | 9·685 | 9·698 | 9·701 | 9·708 | 9·597 |
| 14 | 9·708 | 9·710 | 9·722 | 9·727 | 9·731 | 9·738 | 9·749 | 9·758 | 9·763 | 9·763 | 9·761 | 9·761 | 9·776 | 9·785 | 9·787 | 9·801 | 9·789 | 9·795 | 9·800 | 9·810 | 9·822 | 9·834 | 9·848 | 9·848 | 9·856 | 9·778 |
| 15 | 9·856 | 9·858 | 9·859 | 9·861 | 9·873 | 9·878 | 9·884 | 9·894 | 9·899 | 9·904 | 9·909 | 9·908 | 9·910 | 9·910 | 9·919 | 9·928 | 9·926 | 9·924 | 9·927 | 9·931 | 9·936 | 9·939 | 9·938 | 9·932 | 9·921 | 9·906 |
| 16 | 9·921 | 9·907 | 9·885 | 9·868 | 9·852 | 9·850 | 9·843 | 9·839 | 9·836 | 9·829 | 9·818 | 9·808 | 9·800 | 9·785 | 9·759 | 9·722 | 9·676 | 9·648 | 9·633 | 9·616 | 9·611 | 9·585 | 9·552 | 9·537 | 9·512 | 9·749 |
| 17 | 9·512 | 9·484 | 9·479 | 9·471 | 9·466 | 9·452 | 9·443 | 9·436 | 9·423 | 9·409 | 9·393 | 9·386 | 9·377 | 9·377 | 9·378 | 9·368 | 9·365 | 9·363 | 9·366 | 9·382 | 9·405 | 9·425 | 9·439 | 9·448 | 9·456 | 9·417 |
| 18 | 9·456 | 9·460 | 9·460 | 9·463 | 9·479 | 9·502 | 9·529 | 9·555 | 9·574 | 9·601 | 9·632 | 9·665 | 9·677 | 9·700 | 9·719 | 9·728 | 9·751 | 9·759 | 9·802 | 9·835 | 9·871 | 9·892 | 9·913 | 9·931 | 9·938 | 9·675 |
| 19 | 9·938 | 9·944 | 9·955 | 9·970 | 9·987 | 9·999 | 0·010 | 0·028 | 0·036 | 0·049 | 0·068 | 0·066 | 0·074 | 0·084 | 0·088 | 0·095 | 0·097 | 0·088 | 0·089 | 0·094 | 0·097 | 0·105 | 0·122 | 0·122 | 0·115 | 0·054 |
| 20 | 0·115 | 0·109 | 0·094 | 0·084 | 0·075 | 0·074 | 0·072 | 0·076 | 0·084 | 0·086 | 0·086 | 0·086 | 0·090 | 0·085 | 0·083 | 0·087 | 0·104 | 0·109 | 0·125 | 0·136 | 0·147 | 0·159 | 0·185 | 0·188 | 0·191 | 0·107 |
| 21 | 0·191 | 0·189 | 0·189 | 0·188 | 0·194 | 0·203 | 0·213 | 0·215 | 0·223 | 0·224 | 0·221 | 0·221 | 0·217 | 0·205 | 0·194 | 0·185 | 0·172 | 0·161 | 0·159 | 0·161 | 0·175 | 0·180 | 0·181 | 0·181 | 0·179 | 0·193 |
| 22 | 0·179 | 0·173 | 0·169 | 0·161 | 0·155 | 0·160 | 0·160 | 0·153 | 0·152 | 0·139 | 0·133 | 0·123 | 0·105 | 0·094 | 0·085 | 0·079 | 0·066 | 0·066 | 0·064 | 0·073 | 0·080 | 0·087 | 0·086 | 0·088 | 0·086 | 0·116 |
| 23 | 0·086 | 0·083 | 0·074 | 0·072 | 0·079 | 0·080 | 0·082 | 0·090 | 0·094 | 0·088 | 0·086 | 0·083 | 0·077 | 0·075 | 0·071 | 0·070 | 0·063 | 0·058 | 0·064 | 0·067 | 0·073 | 0·076 | 0·084 | 0·084 | 0·086 | 0·078 |
| 24 | 0·086 | 0·080 | 0·076 | 0·072 | 0·068 | 0·078 | 0·082 | 0·082 | 0·077 | 0·074 | 0·063 | 0·054 | 0·044 | 0·035 | 0·039 | 0·020 | 0·007 | 0·000 | 9·991 | 9·994 | 0·000 | 0·010 | 0·002 | 0·000 | 9·995 | 0·041 |
| 25 | 9·995 | 9·983 | 9·980 | 9·964 | 9·957 | 9·960 | 9·952 | 9·948 | 9·938 | 9·937 | 9·929 | 9·941 | 9·940 | 9·939 | 9·939 | 9·941 | 9·940 | 9·948 | 9·962 | 9·973 | 9·993 | 0·001 | 0·023 | 0·033 | 0·033 | 9·964 |
| 26 | 0·033 | 0·037 | 0·054 | 0·053 | 0·061 | 0·083 | 0·093 | 0·099 | 0·107 | 0·111 | 0·116 | 0·120 | 0·115 | 0·114 | 0·108 | 0·106 | 0·094 | 0·093 | 0·088 | 0·096 |

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. JULY, 1908.

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 6 | 7 | 5 | 7 | 5 | 5 | 5 | 4 | 5 | 6 | 5 | 8 | 5 | 9 | 6 | 10 | 4 | 10 | 5 | 11 | 4 | 14 | 5 | 13 |
| 2 | 6 | 7 | 6 | 4 | 3 | 5 | 3 | 5 | 3 | 6 | 3 | 7 | 5 | 10 | 4 | 8 | 5 | 9 | 5 | 8 | 4 | 10 | 5 | 11 |
| 3 | — | 1 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | 5 | 7 | 5 | 8 | 5 | 7 | 4 | 9 | 4 | 7 |
| 4 | — | 3 | 1 | 7 | 32 | 4 | 32 | 4 | 3 | 4 | 3 | 4 | 3 | 6 | 3 | 5 | 3 | 4 | 3 | 6 | 3 | 4 | — | 2 |
| 5 | 7 | 5 | 7 | 5 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 6 | 5 | 6 | 4 | 7 | 4 | 7 | 9 | 7 | 8 | 4 | 11 | 6 |
| 6 | — | 2 | — | 2 | — | 2 | 11 | 4 | — | 2 | — | 2 | — | 3 | 17 | 5 | 17 | 4 | 21 | 7 | 21 | 7 | 23 | 9 |
| 7 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 3 | 28 | 4 | 28 | 4 | 28 | 5 | 21 | 7 | 24 | 10 | 24 | 11 |
| 8 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | 20 | 4 | 19 | 10 | 19 | 10 | 19 | 10 | 18 | 11 | 19 | 14 | 18 | 12 |
| 9 | 20 | 10 | 22 | 9 | 22 | 7 | 21 | 8 | 21 | 9 | 21 | 9 | 22 | 13 | 22 | 13 | 22 | 15 | 22 | 12 | 23 | 14 | 23 | 16 |
| 10 | 16 | 12 | 17 | 9 | 17 | 10 | 19 | 12 | 18 | 12 | 18 | 12 | 18 | 15 | 18 | 15 | 18 | 15 | 18 | 18 | 19 | 20 | 19 | 19 |
| 11 | 18 | 9 | 19 | 7 | 20 | 9 | 19 | 7 | 18 | 9 | 18 | 8 | 18 | 8 | 17 | 10 | 17 | 14 | 20 | 12 | 19 | 16 | 18 | 15 |
| 12 | 21 | 4 | 24 | 5 | 26 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 5 | 5 |
| 13 | — | 2 | — | 3 | 23 | 4 | — | 3 | — | 2 | — | 3 | 25 | 4 | 25 | 4 | 28 | 7 | 28 | 6 | 26 | 4 | 23 | 7 |
| 14 | 21 | 4 | 21 | 5 | 21 | 4 | 21 | 4 | 21 | 6 | 21 | 6 | 21 | 7 | 22 | 7 | 21 | 9 | 22 | 10 | 21 | 8 | 21 | 7 |
| 15 | 21 | 5 | 21 | 5 | 21 | 4 | 21 | 5 | 21 | 5 | 21 | 6 | 21 | 6 | 21 | 7 | 22 | 6 | 23 | 6 | 25 | 6 | 21 | 7 |
| 16 | 18 | 6 | 17 | 8 | 18 | 10 | 18 | 10 | 19 | 9 | 19 | 7 | 19 | 10 | 19 | 12 | 19 | 12 | 21 | 13 | 19 | 13 | 20 | 13 |
| 17 | 19 | 13 | 19 | 13 | 21 | 12 | 19 | 13 | 19 | 15 | 19 | 15 | 19 | 15 | 19 | 15 | 20 | 15 | 20 | 15 | 21 | 12 | 20 | 13 |
| 18 | 23 | 6 | 23 | 7 | 24 | 7 | 25 | 5 | 26 | 5 | 29 | 6 | 29 | 10 | 29 | 9 | 30 | 10 | 30 | 11 | 30 | 12 | 29 | 12 |
| 19 | 31 | 12 | 31 | 10 | 31 | 11 | 31 | 10 | 32 | 10 | 31 | 10 | 32 | 10 | 31 | 11 | 32 | 12 | 31 | 11 | 32 | 12 | 32 | 15 |
| 20 | — | 2 | — | 2 | — | 2 | — | 2 | 30 | 4 | 29 | 5 | 30 | 5 | 31 | 4 | 32 | 6 | 32 | 6 | 32 | 6 | 32 | 7 |
| 21 | 32 | 6 | — | 3 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 1 | — | 3 | — | 3 |
| 22 | — | 2 | — | 0 | — | 0 | — | 1 | — | 0 | — | 1 | 16 | 4 | 20 | 7 | 19 | 7 | 18 | 6 | 20 | 4 | 20 | 5 |
| 23 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 24 | 6 | 24 | 6 | 24 | 4 |
| 24 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | 17 | 6 | 19 | 7 | 19 | 8 |
| 25 | — | 1 | — | 1 | — | 2 | — | 0 | — | 1 | — | 1 | — | 2 | — | 3 | 14 | 4 | 13 | 7 | 17 | 7 | 17 | 8 |
| 26 | — | 2 | — | 3 | — | 3 | 20 | 4 | 20 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | 22 | 4 | 20 | 5 | 17 | 4 |
| 27 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | 18 | 4 | — | 2 | — | 3 | — | 3 | 24 | 4 | 24 | 4 | 28 | 5 |
| 28 | — | 1 | — | 1 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | 29 | 5 | 30 | 5 | 30 | 7 | 28 | 6 | 32 | 5 |
| 29 | 31 | 7 | 31 | 4 | 31 | 4 | 31 | 4 | — | 3 | — | 2 | 31 | 4 | 32 | 7 | 32 | 8 | 1 | 9 | 30 | 9 | 1 | 9 |
| 30 | — | 0 | — | 1 | — | 1 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | 19 | 4 | 20 | 5 | 25 | 6 | 24 | 6 |
| 31 | — | 3 | 22 | 4 | 23 | 4 | — | 3 | — | 2 | — | 2 | 28 | 6 | 31 | 7 | 29 | 6 | 30 | 9 | 31 | 8 | 30 | 7 |
| Mean ... | — | 5 | — | 4 | — | 4 | — | 4 | — | 4 | — | 5 | — | 6 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 |
| Mean, 1881–1905. | — | 4·0 | — | 3·9 | — | 3·9 | — | 3·8 | — | 3·8 | — | 4·8 | — | 5·8 | — | 6·7 | — | 7·6 | — | 8·1 | — | 8·8 | — | 8·9 |

| DAYS. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 7 | 15 | 9 | 15 | 9 | 16 | 8 | 16 | 9 | 14 | 8 | 12 | 9 | 10 | 9 | 5 | — | 3 | 9 | 4 | 6 | 7 | 6 | 7 | 10 | 1 |
| 2 | 5 | 10 | 6 | 10 | 9 | 12 | 9 | 11 | 8 | 11 | 9 | 9 | 10 | 7 | 11 | 6 | 11 | 5 | — | 1 | — | 1 | — | 1 | 7 | 2 |
| 3 | 9 | 3 | 7 | 3 | 3 | 6 | 2 | 7 | 8 | 13 | 7 | 14 | 8 | 10 | 9 | 9 | 15 | 4 | — | 2 | — | 2 | 15 | 4 | 6 | 3 |
| 4 | — | 2 | 7 | 5 | 7 | 10 | 11 | 7 | 7 | 10 | 9 | 8 | 9 | 4 | 9 | 4 | 5 | 8 | — | 3 | 7 | 4 | 7 | 4 | 5 | 4 |
| 5 | — | 3 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | 11 | 4 | 11 | 4 | 11 | 4 | — | 2 | 4 | 5 |
| 6 | 20 | 6 | 21 | 6 | 19 | 7 | 23 | 5 | 23 | 4 | 23 | 4 | 18 | 7 | 18 | 5 | 18 | 4 | 18 | 4 | — | 3 | — | 3 | 4 | 6 |
| 7 | 24 | 11 | 24 | 14 | 24 | 11 | 26 | 9 | 24 | 10 | 23 | 12 | 21 | 10 | 23 | 8 | 24 | 7 | 25 | 6 | 25 | 4 | — | 3 | 7 | 7 |
| 8 | 17 | 12 | 17 | 13 | 17 | 10 | 18 | 12 | 18 | 14 | 19 | 14 | 19 | 9 | 18 | 9 | 19 | 10 | 20 | 10 | 20 | 9 | 20 | 8 | 9 | 8 |
| 9 | 22 | 15 | 23 | 17 | 23 | 15 | 23 | 13 | 21 | 12 | 20 | 13 | 20 | 12 | 21 | 8 | 18 | 5 | 18 | 4 | 14 | 5 | 15 | 8 | 11 | 9 |
| 10 | 18 | 19 | 18 | 15 | 19 | 17 | 19 | 18 | 18 | 15 | 19 | 14 | 20 | 15 | 18 | 12 | 18 | 14 | 19 | 14 | 20 | 12 | 20 | 8 | 14 | 10 |
| 11 | 18 | 19 | 18 | 18 | 18 | 19 | 19 | 18 | 17 | 15 | 17 | 15 | 17 | 13 | 18 | 14 | 19 | 12 | 19 | 12 | 20 | 7 | 21 | 8 | 12 | 11 |
| 12 | — | 3 | 15 | 4 | 17 | 4 | 20 | 6 | 17 | 9 | — | 3 | — | 2 | — | 2 | 17 | 4 | — | 2 | 17 | 4 | — | 3 | 3 | 12 |
| 13 | 23 | 7 | 23 | 5 | 24 | 4 | — | 3 | — | 3 | 25 | 4 | — | 2 | 22 | 5 | 21 | 7 | 21 | 6 | 21 | 5 | 21 | 6 | 4 | 13 |
| 14 | 19 | 7 | 23 | 8 | 20 | ·8 | 21 | 9 | 21 | 7 | 20 | 6 | 21 | 7 | 21 | 7 | 21 | 7 | 21 | 7 | 21 | 6 | 21 | 6 | 7 | 14 |
| 15 | 24 | 7 | 23 | 8 | 22 | 10 | 22 | 8 | 19 | 10 | 20 | 10 | 21 | 7 | 20 | 8 | 20 | 10 | 19 | 11 | 20 | 7 | 18 | 8 | 7 | 15 |
| 16 | 18 | 13 | 18 | 12 | 17 | 10 | 18 | 14 | 18 | 18 | 19 | 18 | 19 | 17 | 18 | 17 | 18 | 16 | 18 | 17 | 19 | 17 | 19 | 14 | 13 | 16 |
| 17 | 23 | 12 | 22 | 10 | 23 | 10 | 22 | 13 | 21 | 10 | 22 | 9 | 24 | 8 | 22 | 5 | 22 | 5 | 22 | 5 | 22 | 6 | 25 | 7 | 11 | 17 |
| 18 | 29 | 11 | 29 | 11 | 30 | 10 | 32 | 12 | 32 | 12 | 32 | 13 | 32 | 11 | 30 | 12 | 31 | 12 | 32 | 11 | 32 | 10 | 32 | 10 | 10 | 18 |
| 19 | 32 | 14 | 31 | 13 | 32 | 13 | 32 | 12 | 1 | 10 | 1 | 9 | 32 | 6 | 32 | 4 | — | 3 | 32 | 4 | — | 2 | — | 2 | 9 | 19 |
| 20 | 32 | 7 | 30 | 7 | 32 | 10 | 32 | 7 | 2 | 10 | 2 | 10 | 32 | 7 | 32 | 8 | 3 | 4 | — | 3 | — | 3 | 32 | 4 | 5 | 20 |
| 21 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 16 | 7 | 18 | 7 | 16 | 6 | 16 | 4 | — | 2 | 16 | 4 | — | 3 | 3 | 21 |
| 22 | 18 | 6 | 20 | 7 | 17 | 5 | 19 | 7 | 20 | 7 | 18 | 10 | 18 | 10 | 17 | 7 | 17 | 4 | 17 | 4 | — | 3 | — | 2 | 5 | 22 |
| 23 | 27 | 4 | 25 | 4 | 25 | 5 | 22 | 4 | — | 2 | 26 | 4 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | 3 | 3 | 3 | 23 |
| 24 | 16 | 7 | 16 | 7 | 19 | 8 | 18 | 7 | 17 | 7 | 17 | 6 | 18 | 4 | — | 3 | 18 | 4 | — | 2 | — | 1 | — | 1 | 4 | 24 |
| 25 | 17 | 9 | 19 | 10 | 20 | 9 | 19 | 10 | 18 | 12 | 19 | 11 | 19 | 10 | 20 | 6 | 20 | 4 | 20 | 5 | 20 | 4 | 20 | 4 | 5 | 25 |
| 26 | 5 | 4 | — | 3 | 23 | 4 | 17 | 4 | 19 | 4 | — | 3 | 20 | 5 | 18 | 7 | 18 | 4 | — | 3 | — | 2 | — | 3 | 4 | 26 |
| 27 | 25 | 4 | 18 | 4 | 20 | 4 | 22 | 5 | 27 | 4 | 24 | 5 | 26 | 4 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | 3 | 27 |
| 28 | 32 | 7 | 32 | 8 | 32 | 9 | 32 | 9 | 1 | 10 | 3 | 11 | 3 | 7 | 3 | 4 | 32 | 4 | 32 | 6 | 32 | 4 | 32 | 4 | 5 | 28 |
| 29 | 31 | 8 | 32 | 7 | 32 | 7 | 32 | 7 | 32 | 6 | 32 | 5 | 1 | 4 | — | 3 | 1 | 4 | 7 | 4 | — | 2 | — | 2 | 5 | 29 |
| 30 | 25 | 6 | 21 | 7 | 21 | 7 | 21 | 5 | 23 | 7 | 23 | 7 | 22 | 4 | 22 | 5 | 22 | 4 | 22 | 4 | — | 2 | — | 3 | 4 | 30 |
| 31 | 30 | 8 | 29 | 6 | 29 | 7 | 28 | 7 | 30 | 6 | 28 | 6 | 28 | 4 | 28 | 4 | 29 | 5 | 30 | 6 | — | 2 | — | 2 | 5 | 31 |
| | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 7 | — | 6 | — | 6 | — | 5 | — | 5 | — | 5 | 7 | |
| | — | 9·1 | — | 9·3 | — | 9·2 | — | 9·1 | — | 8·8 | — | 7·9 | — | 7·0 | — | 5·9 | — | 5·3 | — | 4·9 | — | 4·4 | — | 4·2 | 6·5 | Mean, 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. JULY, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 | ·11 | ·01 | — | — | — | ·15 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | ·01 | — | — | ·01 | ·03 | ·03 | ·11 | ·01 | — | — | — | — | — | — | — | — | ·20 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 | ·05 | ·02 | ·06 | ·10 | ·01 | ·27 |
| 10 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 | — | — | — | — | — | — | — | ·04 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | ·01 | — | — | ·02 | ·06 | ·01 | — | ·01 | ·14 |
| 13 | — | — | — | — | ·03 | ·02 | ·02 | ·17 | ·11 | ·07 | ·06 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·49 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | ·03 | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | ·05 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | ·06 | — | ·04 | — | — | — | — | — | — | — | — | — | ·02 | ·11 | ·10 | ·05 | ·05 | ·04 | ·07 | ·22 | ·03 | ·01 | — | — | ·80 |
| 17 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | — | — | — | — | ·03 | — | — | — | ·06 |
| 18 | ·13 | ·04 | — | — | ·03 | — | — | — | — | — | — | — | — | — | — | — | ·02 | — | ·01 | — | — | — | — | — | ·23 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 20 | 06 | 04 | — | 06 | 02 | 02 | 17 | 12 | 07 | 06 | 05 | 07 | 16 | 23 | 10 | 08 | 05 | 13 | 40 | 15 | 08 | 10 | 02 | 2·44 |
| Average 1871–1905. | ·081 | ·092 | ·094 | ·085 | ·078 | ·074 | ·094 | ·071 | ·058 | ·086 | ·106 | ·122 | ·175 | ·132 | ·162 | ·152 | ·101 | ·110 | ·094 | ·104 | ·080 | ·103 | ·090 | ·096 | 2·442 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. JULY, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·5 | — | 14·2 | ≋⁰ early ; very fine all day. |
| 2 | — | ·8 | 1·0 | 1·0 | ·9 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | ·6 | — | 13·2 | Fine throughout. |
| 3 | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·4 | — | 13·5 | Fine day ; ⊕ at 14h. ; ≺ at night. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ⊤, ≺, early ; dull, misty day ; ⅋, ●, about 19h.–21h. |
| 5 | — | — | — | — | — | ·4 | ·8 | ·2 | — | — | — | — | — | — | — | — | — | 1·4 | A.M. fine ; P.M. dull and misty. |
| 6 | — | — | — | ·2 | 1· | — | 1· | ·2 | ·5 | ·7 | ·9 | ·3 | 1· | ·3 | — | — | — | 3·4 | Overcast to fair. |
| 7 | — | — | — | 1· | ·9 | ·9 | ·9 | ·8 | ·7 | ·6 | ·5 | ·7 | ·7 | ·9 | ·3 | 1· | — | 8·1 | Fine day. [19h.–20h. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | 1· | 1· | — | — | 0·2 | Dull day, with ● in afternoon, and ⊤ |
| 9 | — | ·7 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·5 | ·9 | 1·0 | 1·0 | ·2 | — | — | — | — | — | 8·9 | Fine till after 15h. ; ● from 19h. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and breezy ; ●⁰ 16h.–17h. |
| 11 | — | — | — | — | — | ·3 | ·2 | 1· | ·2 | 1· | ·2 | ·3 | — | ·2 | 1· | — | — | 1·9 | Fair to dull ; brisk wind. |
| 12 | — | — | 1· | — | ·7 | ·7 | ·4 | ·4 | 1· | 1· | — | — | — | ·4 | — | — | — | 2·9 | A.M. fair ; P.M. dull and threatening ; ●. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●² A.M. |
| 14 | — | 1· | — | ·2 | ·3 | ·4 | ·7 | ·2 | — | — | — | — | 1· | ·6 | — | — | — | 2·6 | Cloudy day ; ⅋ and ● about mid-day. |
| 15 | — | ·6 | ·7 | ·7 | ·8 | ·7 | ·7 | ·9 | ·5 | ·4 | ·6 | — | 1· | — | — | — | — | 6·7 | Fine to cloudy. |
| 16 | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·2 | Dull day, with ●² in afternoon. |
| 17 | — | — | — | — | ·2 | 1· | ·3 | ·3 | ·3 | ·2 | 1· | ·2 | ·4 | ·3 | 1· | — | — | 2·5 | Passing ● showers ; cloudy to fair. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | ·5 | 1· | ·2 | — | 1· | — | 0·9 | Dull day, with ● A.M. |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | ·6 | ·7 | ·7 | — | — | 2·0 | Dull and threatening. |
| 20 | — | — | ·2 | — | — | — | — | — | — | ·2 | 1· | ·5 | — | — | — | — | — | 1·0 | Overcast most of day. |
| 21 | — | — | — | — | — | ·6 | ·4 | ·2 | 1· | ·4 | 1·0 | ·6 | 1·0 | ·6 | — | — | — | 4·9 | ≋⁰ ; dull to fine. |
| 22 | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | 12·7 | Fine throughout. |
| 23 | — | — | — | ·2 | ·2 | ·9 | 1·0 | ·6 | ·5 | ·9 | ·4 | ·9 | 1·0 | 1· | ·8 | ·6 | — | 8·1 | Fine, but misty at times. |
| 24 | — | — | — | 1· | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·3 | 1·0 | 1·0 | ·2 | ·5 | — | — | — | 8·9 | Fine and warm, ≋⁰ ; ⊕ at 14h. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 26 | — | — | — | — | — | — | ·2 | 1· | — | — | ·5 | ·7 | ·8 | ·9 | ·4 | — | — | 3·6 | Cloudy to fair. |
| 27 | — | — | — | — | 1· | ·7 | ·9 | ·8 | ·8 | 1·0 | ·9 | ·9 | ·9 | 1·0 | ·7 | 1· | — | 8·8 | Cloudy early, then fine. |
| 28 | — | ·3 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | ·9 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | 13·0 | Sunny day ; very little wind. |
| 29 | — | — | ·8 | 1·0 | 1·0 | ·7 | ·3 | 1· | — | ·5 | ·7 | 1·0 | ·9 | ·7 | 1·0 | ·3 | — | 9·0 | Overcast about 12h., but most of day fine. |
| 30 | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·5 | — | 13·7 | Bright, sunny day. |
| 31 | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·3 | ·7 | ·8 | 1·0 | 1·0 | 1·0 | ·7 | ·2 | — | 11·0 | Fine day ; warm in afternoon. |
| | — | — | — | — | — | ·5 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | 9·7 | Cloudy early ; clearing after 9h. |
| | — | 3·9 | 8·9 | 10·4 | 13·4 | 15·2 | 16·5 | 14·3 | 12·7 | 14·2 | 14·3 | 16·2 | 14·7 | 15·0 | 12·3 | 5·0 | — | 187·0 | Total. |
| | 0·05 | 4·33 | 11·20 | 13·65 | 15·00 | 16·30 | 16·69 | 16·59 | 16·50 | 16·67 | 16·18 | 15·42 | 14·56 | 14·07 | 12·44 | 7·88 | 0·41 | 207·95 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. JULY, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·0 | 60·2 | 58·5 | 57·6 | 55·3 | 57·0 | 59·4 | 61·5 | 54·1 | 67·6 | 70·2 | 73·6 | 75·1 | 76·3 | 78·2 | 78·2 | 77·4 | 76·0 | 75·1 | 73·7 | 70·1 | 66·2 | 63·3 | 64·3 | 62·6 | 67·5 |
| 2 | 62·6 | 60·8 | 58·5 | 55·7 | 54·7 | 56·8 | 58·5 | 61·1 | 63·1 | 66·4 | 68·8 | 72·8 | 74·7 | 77·0 | 78·1 | 79·1 | 77·8 | 77·0 | 73·6 | 73·2 | 69·0 | 65·2 | 62·6 | 61·1 | 57·1 | 66·9 |
| 3 | 57·1 | 56·1 | 54·8 | 53·0 | 52·4 | 54·3 | 58·7 | 62·4 | 66·3 | 69·7 | 72·6 | 75·0 | 76·9 | 77·9 | 79·0 | 80·4 | 80·8 | 77·8 | 72·6 | 68·0 | 63·6 | 61·4 | 60·1 | 61·6 | 61·7 | 66·4 |
| 4 | 61·7 | 61·3 | 59·9 | 60·0 | 58·6 | 58·4 | 58·6 | 58·1 | 58·1 | 58·0 | 58·9 | 60·2 | 62·2 | 63·0 | 63·6 | 63·1 | 65·6 | 64·2 | 63·2 | 61·9 | 61·1 | 60·5 | 60·6 | 60·2 | 60·5 | 60·9 |
| 5 | 60·5 | 60·2 | 59·4 | 58·8 | 58·1 | 58·4 | 59·3 | 59·8 | 58·9 | 59·9 | 62·4 | 64·3 | 65·0 | 66·4 | 66·0 | 66·0 | 66·0 | 67·7 | 67·6 | 65·9 | 63·6 | 61·7 | 59·4 | 58·3 | 57·0 | 62·2 |
| 6 | 57·0 | 57·4 | 56·3 | 57·2 | 57·0 | 56·5 | 57·4 | 60·0 | 62·3 | 63·6 | 65·0 | 66·5 | 67·2 | 69·9 | 70·3 | 71·4 | 71·3 | 71·3 | 70·4 | 68·3 | 65·9 | 64·1 | 62·2 | 60·8 | 59·9 | 63·8 |
| 7 | 59·9 | 59·0 | 58·6 | 58·7 | 58·6 | 58·5 | 58·5 | 59·4 | 60·0 | 63·7 | 65·2 | 66·8 | 67·7 | 68·5 | 69·1 | 69·1 | 68·6 | 70·2 | 68·1 | 66·6 | 63·2 | 60·8 | 59·0 | 57·2 | 56·7 | 63·1 |
| 8 | 56·7 | 57·3 | 57·9 | 58·6 | 58·8 | 57·5 | 60·0 | 61·5 | 62·6 | 62·2 | 63·7 | 64·6 | 61·2 | 61·3 | 60·6 | 61·0 | 60·5 | 62·6 | 62·2 | 61·0 | 60·1 | 59·0 | 58·5 | 57·4 | 57·2 | 60·3 |
| 9 | 57·2 | 57·3 | 56·8 | 56·5 | 55·2 | 56·1 | 57·7 | 58·5 | 60·0 | 61·9 | 62·8 | 64·3 | 66·0 | 67·4 | 68·3 | 68·2 | 67·0 | 65·8 | 64·0 | 60·7 | 56·6 | 55·6 | 54·7 | 55·0 | 55·0 | 60·5 |
| 10 | 55·0 | 56·9 | 57·0 | 58·1 | 59·6 | 60·1 | 60·7 | 61·4 | 62·5 | 64·3 | 65·3 | 66·8 | 65·6 | 67·0 | 65·2 | 64·4 | 64·4 | 63·5 | 63·3 | 62·8 | 61·0 | 60·5 | 60·1 | 59·0 | 58·7 | 61·9 |
| 11 | 58·7 | 59·0 | 59·0 | 58·8 | 58·8 | 59·0 | 60·1 | 60·4 | 62·0 | 64·7 | 66·2 | 67·2 | 68·0 | 68·5 | 69·2 | 70·9 | 70·0 | 70·5 | 70·8 | 68·2 | 66·9 | 65·4 | 64·6 | 63·6 | 62·8 | 64·7 |
| 12 | 62·8 | 62·2 | 60·0 | 58·1 | 57·5 | 57·1 | 56·9 | 58·1 | 59·3 | 61·1 | 62·9 | 64·1 | 66·0 | 67·8 | 67·1 | 67·1 | 64·8 | 63·0 | 65·2 | 64·3 | 63·0 | 61·3 | 61·0 | 60·4 | 60·4 | 62·1 |
| 13 | 60·4 | 59·9 | 59·7 | 57·9 | 57·4 | 57·0 | 56·3 | 56·9 | 56·1 | 56·5 | 56·1 | 56·1 | 56·5 | 56·8 | 56·8 | 58·0 | 59·7 | 60·8 | 61·0 | 60·9 | 59·7 | 58·7 | 58·0 | 57·4 | 56·6 | 58·0 |
| 14 | 56·6 | 54·8 | 53·1 | 52·5 | 52·0 | 53·2 | 54·7 | 56·6 | 58·2 | 60·5 | 60·7 | 62·3 | 59·1 | 59·9 | 59·7 | 59·1 | 61·3 | 63·5 | 61·2 | 60·3 | 59·0 | 57·2 | 55·1 | 54·3 | 53·5 | 57·6 |
| 15 | 53·5 | 53·1 | 53·5 | 54·1 | 53·5 | 53·9 | 55·7 | 57·8 | 58·2 | 60·8 | 62·3 | 63·8 | 65·5 | 64·5 | 65·6 | 64·0 | 64·8 | 64·3 | 62·4 | 62·3 | 60·5 | 59·5 | 58·5 | 58·0 | 57·3 | 59·7 |
| 16 | 57·3 | 56·1 | 56·3 | 56·8 | 57·0 | 57·8 | 59·0 | 60·1 | 62·2 | 62·7 | 63·3 | 64·0 | 63·2 | 63·6 | 61·6 | 59·3 | 61·6 | 61·2 | 60·6 | 62·5 | 59·7 | 59·5 | 59·3 | 59·5 | 59·6 | 60·1 |
| 17 | 59·6 | 59·3 | 58·7 | 58·5 | 58·0 | 57·8 | 58·3 | 59·0 | 60·5 | 61·6 | 62·5 | 62·0 | 63·1 | 61·3 | 61·5 | 62·7 | 62·7 | 63·0 | 62·6 | 61·2 | 59·4 | 57·7 | 57·3 | 57·6 | 57·6 | 60·2 |
| 18 | 57·6 | 57·1 | 55·9 | 56·1 | 56·7 | 57·5 | 57·9 | 57·7 | 58·0 | 57·2 | 58·0 | 58·3 | 59·1 | 60·3 | 60·4 | 63·2 | 60·2 | 62·0 | 60·0 | 60·8 | 59·7 | 58·6 | 57·2 | 57·2 | 57·0 | 58·6 |
| 19 | 57·0 | 56·2 | 56·1 | 56·0 | 55·8 | 55·8 | 56·0 | 55·8 | 57·0 | 58·0 | 58·3 | 61·3 | 60·5 | 61·3 | 61·1 | 61·3 | 61·5 | 63·0 | 62·7 | 62·7 | 60·5 | 58·0 | 57·0 | 56·1 | 55·0 | 58·7 |
| 20 | 55·0 | 53·2 | 52·3 | 51·4 | 50·2 | 51·5 | 53·5 | 56·0 | 56·6 | 58·4 | 59·2 | 62·0 | 61·9 | 65·0 | 66·4 | 66·0 | 64·7 | 63·3 | 62·0 | 61·3 | 59·6 | 57·6 | 55·8 | 54·6 | 53·9 | 58·3 |
| 21 | 53·9 | 53·4 | 53·4 | 53·3 | 53·4 | 52·9 | 54·1 | 55·8 | 57·2 | 59·0 | 60·8 | 63·2 | 63·7 | 66·3 | 67·0 | 68·9 | 69·0 | 71·0 | 69·5 | 65·4 | 61·6 | 58·7 | 57·1 | 55·9 | 55·3 | 60·2 |
| 22 | 55·3 | 54·7 | 53·0 | 51·8 | 51·3 | 51·0 | 54·1 | 58·1 | 60·1 | 63·1 | 65·3 | 67·1 | 68·9 | 71·8 | 72·7 | 74·8 | 75·1 | 74·7 | 73·0 | 70·0 | 64·9 | 62·3 | 60·0 | 59·0 | 58·0 | 63·1 |
| 23 | 58·0 | 57·4 | 55·8 | 56·0 | 55·7 | 55·8 | 56·5 | 59·0 | 60·7 | 65·0 | 67·0 | 68·7 | 69·9 | 71·3 | 71·3 | 73·8 | 75·1 | 73·8 | 74·0 | 73·3 | 68·0 | 63·7 | 62·3 | 61·4 | 60·5 | 64·8 |
| 24 | 60·5 | 59·1 | 58·0 | 57·4 | 56·1 | 56·3 | 56·2 | 58·3 | 61·7 | 66·9 | 70·0 | 73·0 | 74·0 | 76·3 | 76·4 | 77·3 | 78·2 | 76·0 | 76·8 | 72·5 | 70·2 | 67·7 | 64·8 | 62·9 | 61·9 | 67·0 |
| 25 | 61·9 | 61·8 | 61·7 | 60·6 | 59·8 | 60·1 | 61·3 | 63·6 | 66·0 | 67·9 | 70·1 | 72·0 | 72·7 | 74·0 | 75·1 | 73·9 | 74·3 | 74·7 | 71·3 | 68·3 | 66·1 | 64·7 | 63·4 | 62·3 | 60·0 | 66·9 |
| 26 | 60·0 | 59·1 | 57·5 | 57·0 | 56·1 | 55·7 | 56·4 | 58·0 | 60·0 | 63·2 | 65·7 | 67·3 | 70·9 | 70·0 | 73·2 | 72·9 | 75·4 | 75·1 | 73·9 | 71·0 | 67·3 | 64·3 | 62·4 | 59·9 | 59·0 | 64·7 |
| 27 | 59·0 | 58·6 | 56·7 | 56·4 | 55·4 | 55·5 | 57·0 | 59·8 | 61·7 | 64·3 | 66·2 | 68·0 | 68·6 | 70·1 | 73·1 | 73·9 | 74·2 | 73·3 | 73·0 | 70·2 | 66·7 | 64·4 | 62·5 | 61·1 | 59·6 | 64·6 |
| 28 | 59·6 | 59·1 | 58·2 | 58·0 | 58·0 | 57·9 | 58·0 | 62·1 | 64·0 | 67·0 | 68·2 | 69·1 | 68·3 | 69·6 | 70·2 | 71·8 | 72·3 | 71·3 | 71·3 | 70·0 | 67·4 | 65·3 | 64·1 | 62·7 | 60·9 | 65·2 |
| 29 | 60·9 | 58·1 | 56·3 | 55·6 | 54·2 | 54·3 | 55·3 | 58·7 | 61·6 | 64·1 | 65·4 | 67·0 | 68·0 | 69·4 | 70·3 | 71·6 | 72·6 | 72·7 | 72·1 | 71·1 | 67·7 | 66·2 | 62·9 | 59·9 | 58·0 | 63·8 |
| 30 | 58·0 | 56·3 | 54·6 | 54·3 | 52·4 | 53·4 | 53·7 | 57·8 | 60·7 | 65·0 | 68·7 | 73·1 | 74·8 | 76·0 | 76·8 | 79·0 | 80·0 | 80·5 | 78·0 | 76·3 | 71·8 | 68·7 | 66·2 | 65·0 | 64·7 | 66·9 |
| 31 | 64·7 | 64·8 | 64·6 | 63·2 | 63·1 | 63·1 | 63·6 | 63·9 | 63·7 | 64·1 | 65·4 | 67·0 | 66·9 | 69·0 | 69·0 | 70·4 | 70·8 | 71·2 | 70·8 | 68·7 | 65·0 | 62·3 | 60·6 | 58·7 | 57·0 | 65·5 |
| Mean ... | 58·7 | 58·1 | 57·2 | 56·7 | 56·2 | 56·4 | 57·5 | 59·2 | 60·8 | 62·9 | 64·5 | 66·2 | 66·8 | 68·0 | 68·5 | 69·1 | 69·3 | 69·2 | 68·2 | 66·5 | 63·8 | 61·7 | 60·3 | 59·4 | 58·5 | 62·7 |
| Mean, 1871–1905. | 58·1 | 57·4 | 56·6 | 56·1 | 55·5 | 56·0 | 57·2 | 59·2 | 61·0 | 63·0 | 64·4 | 66·1 | 67·1 | 68·2 | 68·8 | 69·2 | 69·0 | 68·7 | 67·8 | 66·3 | 63·7 | 61·8 | 60·3 | 59·2 | 58·1 | 62·4 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). JULY, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60 | 65 | 68 | 72 | 77 | 74 | 72 | 70 | 67 | 63 | 60 | 53 | 47 | 42 | 39 | 38 | 37 | 35 | 38 | 43 | 49 | 63 | 66 | 55 | 59 | 56·3 |
| 2 | 59 | 63 | 73 | 78 | 82 | 76 | 75 | 71 | 67 | 54 | 51 | 46 | 41 | 39 | 41 | 44 | 41 | 41 | 44 | 45 | 49 | 52 | 60 | 67 | 80 | 57·1 |
| 3 | 80 | 81 | 85 | 88 | 90 | 83 | 77 | 65 | 53 | 49 | 47 | 46 | 44 | 44 | 44 | 41 | 43 | 52 | 59 | 68 | 78 | 86 | 88 | 85 | 84 | 65·8 |
| 4 | 84 | 84 | 88 | 89 | 91 | 91 | 89 | 88 | 85 | 86 | 83 | 85 | 83 | 82 | 79 | 79 | 79 | 80 | 83 | 90 | 93 | 92 | 94 | 94 | 91 | 86·5 |
| 5 | 91 | 86 | 90 | 89 | 88 | 87 | 86 | 83 | 84 | 79 | 75 | 71 | 74 | 71 | 68 | 71 | 72 | 71 | 71 | 75 | 86 | 80 | 80 | 79 | 79 | 79·2 |
| 6 | 79 | 80 | 83 | 78 | 77 | 78 | 79 | 76 | 72 | 69 | 66 | 60 | 55 | 57 | 54 | 57 | 59 | 52 | 61 | 67 | 73 | 79 | 79 | 78 | 80 | 69·5 |
| 7 | 80 | 83 | 86 | 86 | 86 | 84 | 82 | 78 | 74 | 69 | 59 | 54 | 50 | 50 | 51 | 51 | 51 | 46 | 49 | 56 | 66 | 73 | 77 | 82 | 85 | 67·4 |
| 8 | 85 | 84 | 84 | 84 | 81 | 90 | 87 | 85 | 81 | 82 | 76 | 74 | 88 | 88 | 90 | 90 | 93 | 84 | 79 | 82 | 82 | 84 | 84 | 87 | 87 | 84·3 |
| 9 | 87 | 84 | 83 | 84 | 88 | 83 | 81 | 76 | 70 | 66 | 65 | 57 | 56 | 53 | 48 | 49 | 52 | 61 | 68 | 85 | 89 | 92 | 93 | 95 | 96 | 73·8 |
| 10 | 96 | 94 | 96 | 95 | 96 | 94 | 93 | 92 | 88 | 83 | 81 | 79 | 83 | 87 | 87 | 89 | 87 | 92 | 90 | 85 | 94 | 87 | 86 | 91 | 93 | 89·3 |
| 11 | 93 | 93 | 93 | 92 | 90 | 90 | 87 | 86 | 82 | 83 | 79 | 74 | 70 | 67 | 65 | 65 | 64 | 65 | 66 | 72 | 74 | 77 | 77 | 79 | 81 | 78·2 |
| 12 | 81 | 83 | 83 | 86 | 91 | 87 | 83 | 71 | 72 | 71 | 69 | 69 | 68 | 68 | 68 | 67 | 83 | 90 | 89 | 86 | 88 | 94 | 94 | 95 | 95 | 81·0 |
| 13 | 95 | 95 | 96 | 86 | 84 | 86 | 89 | 89 | 92 | 92 | 91 | 91 | 91 | 87 | 80 | 76 | 77 | 73 | 74 | 77 | 84 | 84 | 87 | 89 | 88 | 85·9 |
| 14 | 88 | 91 | 93 | 93 | 93 | 92 | 87 | 85 | 77 | 75 | 70 | 68 | 79 | 83 | 72 | 81 | 74 | 70 | 71 | 72 | 78 | 82 | 86 | 88 | 89 | 81·2 |
| 15 | 89 | 91 | 90 | 88 | 89 | 88 | 83 | 79 | 78 | 63 | 61 | 64 | 62 | 62 | 58 | 64 | 55 | 65 | 73 | 62 | 70 | 75 | 78 | 81 | 81 | 73·5 |
| 16 | 81 | 90 | 92 | 92 | 93 | 94 | 93 | 92 | 88 | 87 | 83 | 78 | 82 | 85 | 84 | 93 | 95 | 95 | 94 | 94 | 95 | 94 | 94 | 93 | 92 | 90·3 |
| 17 | 92 | 94 | 90 | 82 | 93 | 84 | 85 | 83 | 84 | 81 | 77 | 74 | 69 | 77 | 75 | 71 | 70 | 73 | 73 | 76 | 83 | 91 | 92 | 90 | 88 | 80·8 |
| 18 | 88 | 89 | 94 | 91 | 92 | 90 | 90 | 86 | 86 | 88 | 84 | 80 | 79 | 76 | 76 | 73 | 82 | 77 | 83 | 79 | 78 | 78 | 81 | 80 | 81 | 83·2 |
| 19 | 81 | 83 | 82 | 84 | 84 | 84 | 84 | 83 | 84 | 82 | 81 | 82 | 78 | 80 | 77 | 76 | 75 | 73 | 68 | 68 | 70 | 75 | 83 | 85 | 87 | 90 | 79·6 |
| 20 | 90 | 88 | 92 | 94 | 96 | 95 | 93 | 84 | 82 | 77 | 75 | 75 | 77 | 68 | 64 | 62 | 69 | 75 | 77 | 78 | 78 | 84 | 89 | 92 | 93 | 81·5 |
| 21 | 93 | 92 | 91 | 92 | 92 | 92 | 92 | 88 | 87 | 84 | 77 | 73 | 71 | 69 | 64 | 59 | 66 | 66 | 66 | 79 | 81 | 83 | 86 | 89 | 89 | 80·1 |
| 22 | 89 | 90 | 96 | 93 | 96 | 93 | 91 | 80 | 75 | 73 | 71 | 70 | 68 | 66 | 62 | 60 | 61 | 61 | 67 | 70 | 78 | 81 | 86 | 86 | 86 | 77·6 |
| 23 | 86 | 87 | 91 | 91 | 90 | 90 | 90 | 88 | 83 | 70 | 68 | 63 | 66 | 61 | 56 | 54 | 57 | 54 | 50 | 58 | 73 | 86 | 90 | 91 | 91 | 74·8 |
| 24 | 91 | 94 | 94 | 96 | 97 | 96 | 97 | 92 | 90 | 81 | 73 | 62 | 56 | 62 | 58 | 57 | 56 | 59 | 61 | 69 | 73 | 79 | 86 | 94 | 95 | 78·1 |
| 25 | 95 | 93 | 94 | 94 | 93 | 92 | 90 | 79 | 78 | 78 | 76 | 73 | 69 | 67 | 66 | 68 | 58 | 63 | 65 | 72 | 77 | 82 | 85 | 88 | 90 | 94 | 79·5 |
| 26 | 94 | 92 | 96 | 95 | 94 | 95 | 97 | 93 | 89 | 78 | 79 | 71 | 64 | 59 | 58 | 53 | 59 | 60 | 55 | 62 | 72 | 76 | 80 | 84 | 87 | 77·2 |
| 27 | 87 | 86 | 91 | 90 | 91 | 91 | 86 | 80 | 79 | 75 | 63 | 59 | 58 | 56 | 55 | 53 | 51 | 52 | 52 | 68 | 72 | 75 | 81 | 81 | 84 | 72·1 |
| 28 | 84 | 87 | 89 | 89 | 83 | 84 | 82 | 77 | 77 | 66 | 64 | 65 | 67 | 64 | 61 | 60 | 62 | 63 | 60 | 62 | 70 | 78 | 83 | 72 | 77 | 72·7 |
| 29 | 77 | 81 | 84 | 85 | 86 | 84 | 84 | 85 | 78 | 69 | 65 | 60 | 58 | 57 | 58 | 53 | 52 | 51 | 51 | 53 | 55 | 63 | 81 | 75 | 83 | 87 | 68·8 |
| 30 | 87 | 92 | 91 | 96 | 92 | 94 | 93 | 87 | 81 | 74 | 64 | 53 | 45 | 45 | 46 | 42 | 48 | 43 | 47 | 50 | 64 | 69 | 72 | 71 | 69 | 68·2 |
| 31 | 69 | 70 | 70 | 71 | 71 | 71 | 69 | 67 | 67 | 67 | 62 | 57 | 55 | 53 | 51 | 49 | 49 | 50 | 50 | 57 | 63 | 68 | 69 | 73 | 77 | 62·6 |
| Mean ... | 84·0 | 86·0 | 88·0 | 87·8 | 88·3 | 87·5 | 85·9 | 81·7 | 78·6 | 74·0 | 70·5 | 67·0 | 66·2 | 65·2 | 62·9 | 62·4 | 63·8 | 64·0 | 65·9 | 70·0 | 75·9 | 80·4 | 82·8 | 83·9 | 85·4 | 76·0 |
| Mean, 1886-1905. | 83·5 | 85·0 | 86·2 | 87·1 | 88·0 | 87·1 | 85·2 | 80·5 | 75·4 | 70·3 | 66·3 | 62·5 | 60·5 | 58·4 | 57·2 | 56·7 | 57·0 | 58·3 | 60·5 | 64·3 | 70·2 | 75·2 | 78·8 | 81·3 | 83·7 | 72·3 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. AUGUST, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. AUGUST, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·380 | 0·290 | 72·9 | 58·3 | 9 | 0·166 | 9·890 | 65·4 | 59·7 | 17 | 0·111 | 0·045 | 70·7 | 53·8 | 25 | 9·794 | 9·573 | 62·0 | 55·4 |
| 2 | 0·379 | 0·289 | **74·9** | 58·9 | 10 | 0·209 | 9·773 | 59·8 | 53·5 | 18 | 0·118 | 0·066 | 70·8 | **47·9** | 26 | 9·750 | 9·397 | 62·8 | 55·9 |
| 3 | **0·390** | 0·309 | 66·9 | 54·5 | 11 | 0·349 | 0·209 | 61·2 | 53·9 | 19 | 0·118 | 0·024 | 67·8 | 52·3 | 27 | 9·590 | 9·339 | 63·0 | 54·2 |
| 4 | 0·313 | 0·178 | 65·6 | 54·4 | 12 | 0·344 | 0·182 | 62·8 | 51·5 | 20 | 0·026 | 9·728 | 62·0 | 54·7 | 28 | 9·457 | 9·302 | 59·7 | 50·9 |
| 5 | 0·180 | 0·091 | 62·3 | 56·8 | 13 | 0·182 | 0·021 | 63·4 | 49·8 | 21 | 9·919 | 9·680 | 57·9 | 55·1 | 29 | 9·839 | 9·455 | 60·4 | 52·9 |
| 6 | 0·250 | 0·160 | 64·7 | 52·6 | 14 | 0·027 | 9·987 | 65·6 | 56·6 | 22 | 9·995 | 9·872 | 61·9 | 54·8 | 30 | 9·985 | 9·839 | 59·7 | 52·1 |
| 7 | 0·321 | 0·245 | 63·6 | 56·0 | 15 | 0·006 | 9·963 | 67·6 | 56·6 | 23 | 9·872 | 9·676 | 62·9 | 57·6 | 31 | 9·881 | **9·161** | 59·7 | 50·1 |
| 8 | 0·310 | 0·163 | 65·8 | 57·7 | 16 | 0·060 | 9·948 | 67·3 | 55·8 | 24 | 9·795 | 9·561 | 63·7 | 56·8 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 64·3 | 54·6 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. AUGUST, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·376 | 0·372 | 0·369 | 0·358 | 0·354 | 0·351 | 0·349 | 0·355 | 0·345 | 0·342 | 0·338 | 0·340 | 0·334 | 0·333 | 0·330 | 0·320 | 0·315 | 0·305 | 0·293 | 0·295 | 0·293 | 0·293 | 0·297 | 0·295 | 0·300 | 0·330 |
| 2 | 0·300 | 0·300 | 0·293 | 0·292 | 0·289 | 0·294 | 0·303 | 0·305 | 0·307 | 0·308 | 0·321 | 0·327 | 0·340 | 0·343 | 0·343 | 0·340 | 0·339 | 0·330 | 0·339 | 0·348 | 0·358 | 0·376 | 0·371 | 0·371 | 0·360 | 0·328 |
| 3 | 0·369 | 0·369 | 0·368 | 0·369 | 0·368 | 0·366 | 0·369 | 0·379 | 0·377 | 0·382 | 0·381 | 0·390 | 0·381 | 0·377 | 0·365 | 0·364 | 0·354 | 0·348 | 0·350 | 0·353 | 0·333 | 0·332 | 0·329 | 0·324 | 0·309 | 0·361 |
| 4 | 0·309 | 0·305 | 0·299 | 0·289 | 0·281 | 0·273 | 0·271 | 0·261 | 0·249 | 0·247 | 0·239 | 0·234 | 0·228 | 0·232 | 0·220 | 0·219 | 0·208 | 0·205 | 0·194 | 0·187 | 0·185 | 0·192 | 0·187 | 0·187 | 0·180 | 0·235 |
| 5 | 0·180 | 0·175 | 0·161 | 0·148 | 0·139 | 0·138 | 0·131 | 0·140 | 0·145 | 0·145 | 0·139 | 0·129 | 0·108 | 0·107 | 0·102 | 0·109 | 0·112 | 0·117 | 0·127 | 0·141 | 0·149 | 0·165 | 0·166 | 0·177 | 0·175 | 0·139 |
| 6 | 0·175 | 0·168 | 0·174 | 0·181 | 0·179 | 0·181 | 0·194 | 0·202 | 0·203 | 0·204 | 0·205 | 0·210 | 0·202 | 0·208 | 0·194 | 0·194 | 0·185 | 0·193 | 0·195 | 0·203 | 0·212 | 0·229 | 0·236 | 0·248 | 0·250 | 0·201 |
| 7 | 0·250 | 0·250 | 0·257 | 0·258 | 0·259 | 0·252 | 0·259 | 0·276 | 0·277 | 0·281 | 0·297 | 0·304 | 0·305 | 0·312 | 0·304 | 0·300 | 0·301 | 0·294 | 0·293 | 0·299 | 0·306 | 0·318 | 0·315 | 0·316 | 0·310 | 0·288 |
| 8 | 0·310 | 0·306 | 0·300 | 0·291 | 0·276 | 0·272 | 0·265 | 0·264 | 0·266 | 0·262 | 0·255 | 0·252 | 0·231 | 0·227 | 0·221 | 0·219 | 0·210 | 0·203 | 0·195 | 0·184 | 0·181 | 0·183 | 0·180 | 0·181 | 0·163 | 0·236 |
| 9 | 0·163 | 0·155 | 0·142 | 0·132 | 0·114 | 0·113 | 0·107 | 0·106 | 0·101 | 0·098 | 0·091 | 0·094 | 0·081 | 0·073 | 0·056 | 0·052 | 0·028 | 0·012 | 9·993 | 9·984 | 9·965 | 9·951 | 9·928 | 9·913 | 9·890 | 0·055 |
| 10 | 9·890 | 9·867 | 9·838 | 9·810 | 9·779 | 9·817 | 9·827 | 9·852 | 9·879 | 9·904 | 9·927 | 9·957 | 9·981 | 0·005 | 0·024 | 0·037 | 0·054 | 0·071 | 0·087 | 0·106 | 0·125 | 0·157 | 0·179 | 0·193 | 0·209 | 9·980 |
| 11 | 0·209 | 0·222 | 0·229 | 0·231 | 0·237 | 0·248 | 0·257 | 0·268 | 0·276 | 0·297 | 0·304 | 0·307 | 0·313 | 0·321 | 0·321 | 0·319 | 0·318 | 0·317 | 0·319 | 0·321 | 0·324 | 0·338 | 0·346 | 0·349 | 0·342 | 0·294 |
| 12 | 0·342 | 0·340 | 0·339 | 0·333 | 0·330 | 0·326 | 0·320 | 0·316 | 0·312 | 0·308 | 0·296 | 0·297 | 0·289 | 0·278 | 0·268 | 0·262 | 0·247 | 0·241 | 0·232 | 0·225 | 0·218 | 0·216 | 0·212 | 0·195 | 0·182 | 0·278 |
| 13 | 0·182 | 0·173 | 0·164 | 0·152 | 0·144 | 0·136 | 0·130 | 0·120 | 0·118 | 0·114 | 0·102 | 0·091 | 0·084 | 0·073 | 0·064 | 0·057 | 0·044 | 0·037 | 0·036 | 0·035 | 0·029 | 0·036 | 0·033 | 0·028 | 0·021 | 0·088 |
| 14 | 0·021 | 0·020 | 0·018 | 0·011 | 0·008 | 0·007 | 0·008 | 0·007 | 0·013 | 0·022 | 0·024 | 0·017 | 0·010 | 0·005 | 0·002 | 9·996 | 9·990 | 9·993 | 9·996 | 9·997 | 0·004 | 0·014 | 0·011 | 0·011 | 0·006 | 0·008 |
| 15 | 0·006 | 9·995 | 9·993 | 9·987 | 9·978 | 9·975 | 9·974 | 9·979 | 9·981 | 9·979 | 9·980 | 9·983 | 9·979 | 9·980 | 9·975 | 9·977 | 9·970 | 9·968 | 9·967 | 9·970 | 9·969 | 9·975 | 9·977 | 9·975 | 9·974 | 9·978 |
| 16 | 9·974 | 9·972 | 9·968 | 9·954 | 9·953 | 9·950 | 9·958 | 9·965 | 9·970 | 9·978 | 9·985 | 9·996 | 0·003 | 0·010 | 0·013 | 0·015 | 0·006 | 0·006 | 0·008 | 0·018 | 0·030 | 0·048 | 0·053 | 0·047 | 0·060 | 9·997 |
| 17 | 0·060 | 0·061 | 0·056 | 0·050 | 0·048 | 0·056 | 0·051 | 0·068 | 0·070 | 0·077 | 0·076 | 0·077 | 0·081 | 0·079 | 0·077 | 0·072 | 0·066 | 0·067 | 0·067 | 0·071 | 0·081 | 0·092 | 0·102 | 0·103 | 0·107 | 0·111 | 0·072 |
| 18 | 0·111 | 0·105 | 0·103 | 0·099 | 0·099 | 0·092 | 0·097 | 0·105 | 0·109 | 0·104 | 0·099 | 0·102 | 0·092 | 0·091 | 0·083 | 0·077 | 0·066 | 0·073 | 0·082 | 0·088 | 0·097 | 0·107 | 0·111 | 0·116 | 0·118 | 0·096 |
| 19 | 0·118 | 0·113 | 0·110 | 0·097 | 0·094 | 0·092 | 0·093 | 0·091 | 0·096 | 0·095 | 0·082 | 0·079 | 0·067 | 0·065 | 0·049 | 0·038 | 0·034 | 0·032 | 0·032 | 0·029 | 0·034 | 0·041 | 0·035 | 0·032 | 0·024 | 0·067 |
| 20 | 0·024 | 0·005 | 9·987 | 9·984 | 9·948 | 9·937 | 9·940 | 9·929 | 9·925 | 9·917 | 9·904 | 9·892 | 9·870 | 9·849 | 9·838 | 9·820 | 9·793 | 9·779 | 9·775 | 9·774 | 9·771 | 9·770 | 9·765 | 9·740 | 9·728 | 9·866 |
| 21 | 9·728 | 9·705 | 9·696 | 9·690 | 9·680 | 9·691 | 9·696 | 9·704 | 9·710 | 9·729 | 9·744 | 9·753 | 9·757 | 9·768 | 9·789 | 9·792 | 9·802 | 9·819 | 9·833 | 9·851 | 9·870 | 9·891 | 9·899 | 9·908 | 9·919 | 9·775 |
| 22 | 9·919 | 9·921 | 9·922 | 9·929 | 9·934 | 9·938 | 9·956 | 9·965 | 9·972 | 9·987 | 9·992 | 9·984 | 9·986 | 9·988 | 9·986 | 9·987 | 9·987 | 9·983 | 9·980 | 9·978 | 9·977 | 9·970 | 9·946 | 9·909 | 9·872 | 9·961 |
| 23 | 9·872 | 9·858 | 9·842 | 9·830 | 9·825 | 9·787 | 9·754 | 9·738 | 9·737 | 9·732 | 9·714 | 9·719 | 9·697 | 9·701 | 9·698 | 9·695 | 9·686 | 9·684 | 9·685 | 9·694 | 9·721 | 9·745 | 9·755 | 9·771 | 9·788 | 9·746 |
| 24 | 9·788 | 9·792 | 9·789 | 9·784 | 9·777 | 9·764 | 9·756 | 9·746 | 9·721 | 9·709 | 9·684 | 9·645 | 9·609 | 9·608 | 9·607 | 9·599 | 9·585 | 9·573 | 9·569 | 9·570 | 9·569 | 9·576 | 9·576 | 9·575 | 9·573 | 9·661 |
| 25 | 9·573 | 9·581 | 9·582 | 9·587 | 9·601 | 9·619 | 9·637 | 9·659 | 9·668 | 9·687 | 9·699 | 9·715 | 9·733 | 9·740 | 9·755 | 9·762 | 9·769 | 9·780 | 9·784 | 9·785 | 9·792 | 9·789 | 9·777 | 9·764 | 9·750 | 9·705 |
| 26 | 9·750 | 9·740 | 9·734 | 9·724 | 9·714 | 9·706 | 9·705 | 9·696 | 9·686 | 9·673 | 9·645 | 9·624 | 9·594 | 9·547 | 9·488 | 9·441 | 9

## VALENCIA. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. AUGUST, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | 26 | 4 | 26 | 8 | 24 | 8 |
| 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 15 | 5 | 16 | 4 | 26 | 5 |
| 3 | — | 1 | — | 0 | — | 0 | — | 1 | — | 2 | — | 1 | — | 0 | — | 3 | 28 | 4 | 27 | 6 | 26 | 5 | 26 | 6 |
| 4 | — | 1 | — | 1 | — | 3 | 2 | 4 | 2 | 4 | 2 | 4 | — | 2 | — | 1 | — | 2 | 21 | 7 | 21 | 6 | 22 | 8 |
| 5 | 30 | 16 | 31 | 18 | 32 | 15 | 32 | 20 | 32 | 21 | 32 | 22 | 32 | 17 | 32 | 12 | 1 | 12 | 32 | 12 | 32 | 17 | 32 | 23 |
| 6 | 3 | 12 | 1 | 4 | — | 2 | 8 | 5 | 3 | 7 | 3 | 4 | 3 | 5 | 2 | 6 | 1 | 9 | 1 | 10 | 30 | 9 | 2 | 9 |
| 7 | — | 2 | — | 0 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 28 | 7 | 29 | 9 | 29 | 10 | 29 | 13 | 29 | 15 |
| 8 | 31 | 4 | 31 | 5 | 31 | 4 | 30 | 4 | — | 2 | — | 0 | — | 1 | 25 | 4 | 25 | 5 | 25 | 5 | 24 | 7 | 24 | 8 |
| 9 | 17 | 4 | 19 | 4 | 20 | 8 | 20 | 8 | 20 | 11 | 20 | 5 | 20 | 6 | 20 | 8 | 20 | 11 | 21 | 12 | 21 | 13 | 21 | 10 |
| 10 | 20 | 13 | 19 | 12 | 20 | 12 | 20 | 17 | 28 | 17 | 28 | 13 | 28 | 18 | 27 | 19 | 28 | 15 | 28 | 17 | 28 | 17 | 28 | 19 |
| 11 | 28 | 12 | 28 | 10 | 28 | 7 | 28 | 10 | 28 | 12 | 28 | 8 | 28 | 10 | 28 | 10 | 28 | 12 | 28 | 15 | 28 | 15 | 28 | 11 |
| 12 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 1 | — | 1 | — | 2 | 24 | 4 | — | 2 | 24 | 4 |
| 13 | — | 2 | — | 3 | — | 3 | — | 2 | — | 3 | — | 2 | — | 1 | — | 1 | 26 | 6 | — | 2 | 26 | 5 | 26 | 7 |
| 14 | 1 | 4 | 28 | 4 | 28 | 7 | 28 | 4 | 28 | 5 | 28 | 5 | 29 | 4 | 29 | 11 | 29 | 10 | 29 | 7 | 29 | 7 | 32 | 9 |
| 15 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | — | 0 | — | 2 | — | 3 | 16 | 4 | 16 | 4 | 16 | 6 |
| 16 | — | 0 | — | 1 | 10 | 8 | 10 | 9 | 10 | 8 | 10 | 9 | 10 | 7 | 9 | 5 | 9 | 12 | 9 | 15 | 11 | 10 | 10 | 10 |
| 17 | 8 | 7 | 8 | 7 | 8 | 8 | 8 | 7 | 8 | 10 | 9 | 8 | 12 | 5 | 8 | 7 | 8 | 10 | 9 | 11 | 7 | 10 | 8 | 12 |
| 18 | — | 0 | — | 3 | 10 | 5 | 10 | 4 | — | 2 | 8 | 7 | 8 | 7 | 8 | 4 | — | 3 | 8 | 7 | 7 | 10 | 6 | 9 |
| 19 | — | 2 | — | 3 | — | 1 | — | 2 | 7 | 5 | 7 | 4 | — | 3 | — | 2 | 6 | 4 | 6 | 5 | 8 | 7 | 7 | 4 |
| 20 | — | 3 | 4 | 9 | 5 | 7 | 5 | 9 | 6 | 12 | 6 | 9 | 6 | 9 | 7 | 10 | 7 | 12 | 7 | 13 | 5 | 12 | 4 | 12 |
| 21 | 2 | 23 | 2 | 21 | 2 | 18 | 2 | 20 | 2 | 17 | 2 | 17 | 2 | 20 | 2 | 17 | 2 | 15 | 2 | 15 | 1 | 15 | 1 | 16 |
| 22 | 32 | 6 | 32 | 4 | 30 | 5 | 27 | 10 | 27 | 5 | 27 | 7 | 26 | 12 | 26 | 9 | 27 | 11 | 28 | 4 | 24 | 9 | 27 | 8 |
| 23 | 22 | 26 | 22 | 24 | 22 | 23 | 22 | 18 | 21 | 12 | 21 | 16 | 21 | 18 | 21 | 20 | 21 | 19 | 21 | 16 | 21 | 19 | 21 | 21 |
| 24 | 22 | 12 | 21 | 8 | 21 | 10 | 21 | 9 | 21 | 10 | 18 | 10 | 16 | 11 | 16 | 14 | 16 | 15 | 16 | 16 | 16 | 15 | 17 | 21 |
| 25 | 22 | 20 | 22 | 20 | 23 | 21 | 25 | 21 | 25 | 20 | 28 | 17 | 25 | 18 | 25 | 16 | 25 | 19 | 24 | 16 | 25 | 19 | 26 | 19 |
| 26 | 21 | 21 | 22 | 24 | 21 | 20 | 21 | 20 | 21 | 12 | 21 | 12 | 21 | 14 | 21 | 17 | 20 | 14 | 17 | 12 | 17 | 15 | 16 | 16 |
| 27 | 24 | 15 | 24 | 14 | 24 | 15 | 23 | 14 | 23 | 13 | 22 | 18 | 22 | 20 | 22 | 19 | 22 | 21 | 22 | 22 | 22 | 21 | 22 | 23 |
| 28 | 22 | 17 | 22 | 15 | 22 | 15 | 22 | 19 | 22 | 18 | 22 | 15 | 22 | 14 | 24 | 12 | 22 | 18 | 22 | 17 | 21 | 18 | 21 | 23 |
| 29 | 21 | 21 | 21 | 23 | 22 | 21 | 22 | 20 | 22 | 19 | 23 | 18 | 23 | 21 | 22 | 18 | 23 | 18 | 26 | 16 | 23 | 16 | 23 | 17 |
| 30 | 25 | 10 | 25 | 12 | 26 | 13 | 25 | 15 | 25 | 20 | 25 | 18 | 26 | 19 | 26 | 17 | 25 | 18 | 25 | 16 | 26 | 18 | 25 | 18 |
| 31 | 17 | 7 | 17 | 7 | 17 | 8 | 16 | 11 | 16 | 10 | 16 | 14 | 15 | 15 | 15 | 18 | 13 | 24 | 13 | 26 | 13 | 26 | 16 | 21 |
| Mean ... | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 11 | — | 11 | — | 12 | — | 13 |
| Mean, 1881–1905. | — | 9·4 | — | 9·2 | — | 9·0 | — | 9·1 | — | 9·1 | — | 8·9 | — | 9·2 | — | 10·0 | — | 10·9 | — | 11·5 | — | 11·8 | — | 12·9 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## VALENCIA. TABLE IV.—Rainfall in Hundredths of English Inches. AUGUST, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 03 |
| 10 | — | 01 | — | — | 03 | 01 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | — | 04 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 22 | — | — | 03 | 02 | — | — | — | 01 | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 51 |
| 23 | 05 | 03 | 03 | 01 | 05 | 02 | 02 | — | — | — | — | — | 01 | 01 | 02 | 11 | 02 | — | — | 03 | 05 | 09 | 16 | 10 | 38 |
| 24 | — | — | — | — | — | — | — | — | — | — | 02 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 25 | — | — | — | — | — | 02 | — | — | — | — | — | 02 | — | — | — | — | — | — | — | 01 | 03 | 08 | 02 | — | 18 |
| 26 | — | 01 | 02 | 01 | — | — | 02 | 03 | — | — | — | — | 13 | 02 | 03 | 08 | 03 | 06 | 08 | 04 | — | — | — | — | 57 |
| 27 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | 05 | 02 | — | — | — | — | 15 |
| 28 | — | — | — | — | — | — | 06 | 09 | — | — | — | — | 02 | — | — | 01 | — | — | 01 | — | 01 | 05 | 02 | 01 | 28 |
| 29 | — | 02 | — | — | — | 01 | — | 01 | 01 | 05 | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 11 |
| 30 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 03 | — | — | 01 | — | — | — | — | 02 | — | 07 |
| 31 | — | — | — | — | 04 | — | 05 | 19 | 14 | 15 | 09 | 10 | — | — | 02 | 01 | 07 | 01 | — | 01 | 01 | 01 | 03 | — | 93 |
| Sum ... | 05 | 07 | 10 | 06 | 12 | 06 | 15 | 35 | 20 | 23 | 12 | 14 | 16 | 03 | 11 | 12 | 21 | 10 | 14 | 10 | 09 | 19 | 31 | 21 | 3·42 |
| Average 1871–1905. | ·228 | ·193 | ·199 | ·250 | ·289 | ·273 | ·275 | ·212 | ·225 | ·204 | ·176 | ·193 | ·167 | ·169 | ·191 | ·189 | ·197 | ·225 | ·232 | ·208 | ·188 | ·218 | ·203 | ·231 | 5·135 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## VALENCIA. TABLE V.—Duration of Bright Sunshine in Hours. AUGUST, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | 13·5 | Fine and bright. |
| 2 | — | ·6 | ·8 | 1·0 | 1·0 | ·4 | ·8 | ·2 | ·8 | 1·0 | ·9 | ·4 | ·8 | ·2 | ·7 | ·1 | — | 9·7 | Somewhat cloudy, clear atmosphere. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | ·8 | — | 4·0 | Misty till 14h., then clearing; fine evening. |
| 4 | — | — | — | — | — | — | — | ·05 | ·05 | — | — | — | — | — | — | — | — | 0·1 | Hazy all day. |
| 5 | — | ·1 | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | ·1 | — | — | 6·4 | Cloudy to bright; dull evening. |
| 6 | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | 13·8 | Fine day. |
| 7 | — | — | — | — | ·5 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·4 | 10·7 | Fine most of day. |
| 8 | — | — | — | — | — | ·7 | ·7 | ·5 | ·2 | ·2 | ·5 | 1·0 | ·4 | ·2 | — | — | — | 4·4 | Fair. |
| 9 | — | — | — | — | — | ·05 | — | — | ·05 | — | — | — | — | — | — | — | — | 0·1 | ≋° early; dull day, with ●°. |
| 10 | — | — | 1·0 | ·8 | ·8 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | ·3 | — | 12·6 | ●° A.M., but fair generally. |
| 11 | — | — | ·1 | — | ·7 | ·1 | ·8 | — | 1·0 | ·2 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·2 | — | 7·9 | Dull morning, brightening in afternoon. |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy all day. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | 0·1 | Overcast day, with ≋°. |
| 14 | — | — | ·5 | ·5 | — | ·1 | ·4 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 9·8 | Fair to fine. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·4 | ·2 | — | — | 0·6 | Dull day; very little wind. |
| 16 | — | — | — | — | ·1 | — | — | — | — | ·2 | ·2 | ·4 | 1·0 | 1·0 | 1·0 | ·3 | — | 4·2 | A.M. cloudy, with ●° about 10h.; P.M. fine, |
| 17 | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | 12·8 | ∞, fine. [but hazy. |
| 18 | — | — | ·6 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | — | ·2 | — | — | — | 9·1 | Fine day, but hazy; distant ⊤ heard at [19h. |
| 19 | — | — | ·6 | 1·0 | 1·0 | ·5 | ·5 | ·7 | 1·0 | 1·0 | ·9 | ·3 | ·2 | ·2 | — | — | — | 7·9 | ∞, fair. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ∞ and ●°. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy all day; ● about 9h.; Nly. wind. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and showery day except 12h.–15h. |
| 23 | — | — | — | — | — | ·1 | — | ·2 | ·7 | ·3 | ·8 | ·1 | — | — | — | — | — | 2·2 | ≋°, ●, and gloomy during day, clearing [in evening. |
| 24 | — | — | — | — | — | — | — | — | — | ·1 | ·5 | ·9 | ·7 | ·5 | ·3 | — | — | 3·0 | ≋°, ●°; dull to fair; ⫽ at times. |
| 25 | — | — | ·1 | ·1 | — | ·6 | ·1 | ·2 | ·1 | ·5 | ·3 | 1·0 | ·5 | ·2 | — | — | — | 3·7 | Cloudy to fair, then gloomy with ● at |
| 26 | — | — | — | — | — | — | — | — | — | ● and ≋° most of day. [night. | | | | | | | | | |
| 27 | — | — | ·3 | ·8 | ·9 | ·8 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | ·1 | — | — | — | — | — | 7·4 | Fair to dull; ⊼ about 19h. |
| 28 | — | — | ·6 | ·1 | ·2 | ·5 | ·4 | ·9 | ·8 | ·9 | ·4 | ·8 | 1·0 | 1·0 | ·6 | — | — | 8·2 | ⊤ and ● about 8h., then fair to showery. |
| 29 | — | — | ·2 | ·2 | ·6 | ·3 | ·8 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·5 | ·1 | — | 9·2 | A.M. showery; P.M. finer; clear atmosphere. |
| 30 | — | — | ·3 | ·8 | ·2 | ·5 | ·7 | 1·0 | 1·0 | ·7 | ·6 | ·7 | — | ·3 | ·2 | — | — | 7·0 | Cloudy day, with ●° occasionally. |
| 31 | — | — | — | — | — | — | — | — | ·4 | 1·0 | ·8 | ·6 | ·2 | ·5 | ·2 | — | — | 3·7 | A.M. dull, with ≋° and ●²; P.M. clearer, [but showery, with ⫽. |
| | — | — | 0·8 | 6·9 | 8·7 | 10·0 | 11·05 | 12·2 | 12·75 | 15·15 | 16·45 | 16·0 | 17·3 | 15·1 | 13·7 | 11·6 | 4·4 | — | 172·1 | Total. |
| | — | — | 0·96 | 6·17 | 8·90 | 10·65 | 12·09 | 12·85 | 13·34 | 13·46 | 13·94 | 13·76 | 13·27 | 12·79 | 11·09 | 7·92 | 1·99 | — | 153·18 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. AUGUST, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59·4 | 58·9 | 58·9 | 58·7 | 58·4 | 58·9 | 58·6 | 60·0 | 62·5 | 65·9 | 67·6 | 68·8 | 68·1 | 68·5 | 68·1 | 68·4 | 68·7 | 71·0 | 69·7 | 69·2 | 67·0 | 65·4 | 63·3 | 61·9 | 61·2 | 64·4 |
| 2 | 61·2 | 59·9 | 59·3 | 60·7 | 60·1 | 59·8 | 61·0 | 64·5 | 67·3 | 69·0 | 72·0 | 74·9 | 70·6 | 70·9 | 71·8 | 71·9 | 70·2 | 71·0 | 68·9 | 68·2 | 66·2 | 64·1 | 61·9 | 62·0 | 61·6 | 66·2 |
| 3 | 61·6 | 61·7 | 61·8 | 60·7 | 59·1 | 59·8 | 59·1 | 61·0 | 61·1 | 61·9 | 61·5 | 62·4 | 63·8 | 65·2 | 65·1 | 65·1 | 65·2 | 66·0 | 63·9 | 63·3 | 61·6 | 58·6 | 57·3 | 56·7 | 54·5 | 61·7 |
| 4 | 54·5 | 54·8 | 55·6 | 55·4 | 54·9 | 55·8 | 56·0 | 56·1 | 57·9 | 61·1 | 62·8 | 63·9 | 64·9 | 64·2 | 63·3 | 62·3 | 62·3 | 61·8 | 61·6 | 60·7 | 59·9 | 58·9 | 58·3 | 58·1 | 57·4 | 59·4 |
| 5 | 57·4 | 57·4 | 57·0 | 57·1 | 56·9 | 57·0 | 57·3 | 57·8 | 58·3 | 59·5 | 59·8 | 60·1 | 61·4 | 61·8 | 61·4 | 61·1 | 60·9 | 61·7 | 59·8 | 58·9 | 58·7 | 58·9 | 59·1 | 58·3 | 56·8 | 59·1 |
| 6 | 56·8 | 56·8 | 55·4 | 54·7 | 53·3 | 53·9 | 54·6 | 56·8 | 59·4 | 59·4 | 60·0 | 60·9 | 62·4 | 62·8 | 62·9 | 63·2 | 63·4 | 62·1 | 61·3 | 60·9 | 59·4 | 57·6 | 57·6 | 57·3 | 57·3 | 58·9 |
| 7 | 57·3 | 57·0 | 56·9 | 57·9 | 57·1 | 57·0 | 58·4 | 59·7 | 60·6 | 61·9 | 62·0 | 61·4 | 60·9 | 61·3 | 61·3 | 62·9 | 62·1 | 63·4 | 61·4 | 60·7 | 59·4 | 58·6 | 56·7 | 57·7 | 58·6 | 59·8 |
| 8 | 58·6 | 58·5 | 58·4 | 58·1 | 57·8 | 58·0 | 57·9 | 58·7 | 58·7 | 59·6 | 62·6 | 63·0 | 63·7 | 63·9 | 64·5 | 65·6 | 65·0 | 64·6 | 64·4 | 61·9 | 60·0 | 59·1 | 59·4 | 59·9 | 59·9 | 60·9 |
| 9 | 59·9 | 60·1 | 60·2 | 60·4 | 60·1 | 60·1 | 59·8 | 60·4 | 61·2 | 62·1 | 62·8 | 64·2 | 64·5 | 64·6 | 64·5 | 64·5 | 64·3 | 63·7 | 63·2 | 62·1 | 61·5 | 61·4 | 60·9 | 60·6 | 60·0 | 62·0 |
| 10 | 60·0 | 59·7 | 59·2 | 59·3 | 59·8 | 53·7 | 55·4 | 56·7 | 57·2 | 57·3 | 57·8 | 57·9 | 57·7 | 58·6 | 58·6 | 58·8 | 58·9 | 59·2 | 58·4 | 57·7 | 56·6 | 56·1 | 56·4 | 56·0 | 55·5 | 57·7 |
| 11 | 55·5 | 55·4 | 55·1 | 54·9 | 55·5 | 55·5 | 54·9 | 56·2 | 56·9 | 58·0 | 57·6 | 59·4 | 59·4 | 60·2 | 59·4 | 59·8 | 60·2 | 60·2 | 58·8 | 58·9 | 56·5 | 54·9 | 55·7 | 55·8 | 53·9 | 57·2 |
| 12 | 53·9 | 53·4 | 52·0 | 53·0 | 51·9 | 52·7 | 52·1 | 53·7 | 55·1 | 57·8 | 58·9 | 59·7 | 59·6 | 62·3 | 62·6 | 61·4 | 61·1 | 60·8 | 60·4 | 59·8 | 58·2 | 57·4 | 56·3 | 56·1 | 54·2 | 57·1 |
| 13 | 54·2 | 53·3 | 51·4 | 50·3 | 50·2 | 50·9 | 52·3 | 53·5 | 56·2 | 57·9 | 59·5 | 60·4 | 60·9 | 61·8 | 61·6 | 62·8 | 62·0 | 60·7 | 60·2 | 59·7 | 58·9 | 58·1 | 58·1 | 57·9 | 57·8 | 57·3 |
| 14 | 57·8 | 57·9 | 57·8 | 57·7 | 57·5 | 57·4 | 57·4 | 58·7 | 57·7 | 59·2 | 61·4 | 63·3 | 63·7 | 65·2 | 64·9 | 64·9 | 64·3 | 62·3 | 62·0 | 60·8 | 61·3 | 59·3 | 58·9 | 57·9 | 57·3 | 57·4 | 60·1 |
| 15 | 57·4 | 57·9 | 56·9 | 57·6 | 57·5 | 57·6 | 57·5 | 58·7 | 61·2 | 62·2 | 64·7 | 67·2 | 67·4 | 65·7 | 64·4 | 64·9 | 66·3 | 65·7 | 66·7 | 64·8 | 61·4 | 60·7 | 59·8 | 58·9 | 58·2 | 61·8 |
| 16 | 58·3 | 58·7 | 57·9 | 60·0 | 60·4 | 60·0 | 59·9 | 59·4 | 61·6 | 62·4 | 60·4 | 61·6 | 62·2 | 63·2 | 64·4 | 65·5 | 65·6 | 67·1 | 65·5 | 64·2 | 61·7 | 60·1 | 59·9 | 58·0 | 56·8 | 61·4 |
| 17 | 56·8 | 55·8 | 56·4 | 54·7 | 55·7 | 59·8 | 59·4 | 60·7 | 62·9 | 64·3 | 65·8 | 67·7 | 68·6 | 68·9 | 68·9 | 70·4 | 68·8 | 69·5 | 67·0 | 66·5 | 63·8 | 60·1 | 57·9 | 55·9 | 56·7 | 62·8 |
| 18 | 56·7 | 52·9 | 50·9 | 52·4 | 50·1 | 49·4 | 50·4 | 56·3 | 60·5 | 63·9 | 65·4 | 67·0 | 68·6 | 68·3 | 69·7 | 69·9 | 70·3 | 70·9 | 65·2 | 63·9 | 60·6 | 59·9 | 58·2 | 56·4 | 56·4 | 60·6 |
| 19 | 56·4 | 56·0 | 55·8 | 54·3 | 54·3 | 53·7 | 53·1 | 55·2 | 57·7 | 60·9 | 62·8 | 64·2 | 64·4 | 65·9 | 67·1 | 67·2 | 67·2 | 65·9 | 65·2 | 63·9 | 62·4 | 61·7 | 60·4 | 59·2 | 58·3 | 60·7 |
| 20 | 58·3 | 57·3 | 58·4 | 58·4 | 56·9 | 56·8 | 56·9 | 56·4 | 57·4 | 57·5 | 58·0 | 58·7 | 59·5 | 61·9 | 61·2 | 60·5 | 60·3 | 60·0 | 59·3 | 56·7 | 55·3 | 54·8 | 55·1 | 55·4 | 56·3 | 57·9 |
| 21 | 56·3 | 56·1 | 55·7 | 55·9 | 56·1 | 56·1 | 55·9 | 56·0 | 55·9 | 55·3 | 56·2 | 56·4 | 57·0 | 57·4 | 57·3 | 57·7 | 57·2 | 56·9 | 57·3 | 57·5 | 56·9 | 56·7 | 56·2 | 56·2 | 55·9 | 56·5 |
| 22 | 55·9 | 56·0 | 56·0 | 56·2 | 55·8 | 55·2 | 55·9 | 56·3 | 57·4 | 54·8 | 56·4 | 59·0 | 58·6 | 60·1 | 60·9 | 60·8 | 60·9 | 59·9 | 59·2 | 58·3 | 57·2 | 56·8 | 56·3 | 56·1 | 58·4 | 57·6 |
| 23 | 58·4 | 58·9 | 59·1 | 59·1 | 59·1 | 59·2 | 59·3 | 59·9 | 60·2 | 60·9 | 61·2 | 61·9 | 62·7 | 62·3 | 61·9 | 62·0 | 61·7 | 61·9 | 61·4 | 60·8 | 60·2 | 59·9 | 58·8 | 57·7 | 57·6 | 60·3 |
| 24 | 57·6 | 57·4 | 56·9 | 57·4 | 57·4 | 56·9 | 57·9 | 59·0 | 60·3 | 61·3 | 61·8 | 61·8 | 61·3 | 62·8 | 63·4 | 63·2 | 62·3 | 62·5 | 60·3 | 59·9 | 58·6 | 58·5 | 58·2 | 58·5 | 58·2 | 59·8 |
| 25 | 58·2 | 57·8 | 57·9 | 57·9 | 57·4 | 57·4 | 57·4 | 57·2 | 57·9 | 58·1 | 59·7 | 59·6 | 57·4 | 59·5 | 60·9 | 61·1 | 61·4 | 60·3 | 59·8 | 59·3 | 58·4 | 58·0 | 58·3 | 59·9 | 60·3 | 58·8 |
| 26 | 60·3 | 60·7 | 60·6 | 60·9 | 60·0 | 60·6 | 60·5 | 60·9 | 61·1 | 61·5 | 61·5 | 62·3 | 62·3 | 61·9 | 61·0 | 62·0 | 61·6 | 61·8 | 57·3 | 57·1 | 56·3 | 56·3 | 56·7 | 56·1 | 56·6 | 60·0 |
| 27 | 56·6 | 56·4 | 55·9 | 55·5 | 56·2 | 55·2 | 55·9 | 56·4 | 57·4 | 58·0 | 60·0 | 60·7 | 60·7 | 62·8 | 61·7 | 60·7 | 59·5 | 59·4 | 58·3 | 56·8 | 54·7 | 56·2 | 56·7 | 56·4 | 55·3 | 57·8 |
| 28 | 55·3 | 53·9 | 54·9 | 54·2 | 54·7 | 55·2 | 54·3 | 55·4 | 52·0 | 52·8 | 54·9 | 57·9 | 58·7 | 58·2 | 58·7 | 58·4 | 57·8 | 58·8 | 57·7 | 56·7 | 55·9 | 55·7 | 53·1 | 52·9 | 54·6 | 55·7 |
| 29 | 54·6 | 55·1 | 54·8 | 54·4 | 55·0 | 53·3 | 54·3 | 55·6 | 54·4 | 57·3 | 55·5 | 58·0 | 58·9 | 60·2 | 59·1 | 59·3 | 58·6 | 58·2 | 56·5 | 56·7 | 55·3 | 53·7 | 54·1 | 54·9 | 54·5 | 56·2 |
| 30 | 54·5 | 54·5 | 54·4 | 54·8 | 54·7 | 54·9 | 53·9 | 54·8 | 55·1 | 54·9 | 55·9 | 57·3 | 58·1 | 58·4 | 58·7 | 55·9 | 57·5 | 57·4 | 56·7 | 55·5 | 54·5 | 52·9 | 52·3 | 53·5 | 52·8 | 55·4 |
| 31 | 52·8 | 51·8 | 52·5 | 53·4 | 53·5 | 54·8 | 55·2 | 54·7 | 54·4 | 54·7 | 55·7 | 57·5 | 58·1 | 55·8 | 57·0 | 54·4 | 55·9 | 50·1 | 52·8 | 53·5 | 52·3 | 53·7 | 52·9 | 53·7 | 53·4 | 54·2 |
| Mean ... | 57·2 | 56·8 | 56·6 | 56·6 | 56·4 | 56·4 | 56·5 | 57·6 | 58·6 | 59·8 | 60·7 | 61·8 | 62·1 | 62·7 | 62·8 | 62·8 | 62·6 | 62·3 | 61·3 | 60·5 | 59·0 | 58·2 | 57·4 | 57·3 | 57·0 | 59·3 |
| Mean, 1871–1905. | 57·1 | 56·9 | 56·6 | 56·5 | 56·4 | 56·3 | 56·3 | 57·1 | 58·2 | 59·5 | 60·3 | 61·3 | 61·8 | 62·3 | 62·4 | 62·5 | 62·1 | 61·7 | 60·9 | 59·9 | 58·7 | 58·0 | 57·5 | 57·3 | 57·0 | 59·0 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). AUGUST, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 88 | 91 | 90 | 90 | 92 | 92 | 91 | 92 | 83 | 80 | 80 | 76 | 82 | 81 | 83 | 81 | 81 | 74 | 79 | 80 | 84 | 85 | 90 | 94 | 92 | 85·0 |
| 2 | 92 | 94 | 93 | 88 | 92 | 93 | 92 | 89 | 84 | 79 | 74 | 71 | 78 | 80 | 78 | 77 | 77 | 75 | 79 | 78 | 82 | 85 | 89 | 90 | 88 | 83·6 |
| 3 | 90 | 91 | 93 | 94 | 94 | 94 | 97 | 96 | 93 | 91 | 92 | 90 | 88 | 84 | 82 | 80 | 81 | 79 | 84 | 84 | 89 | 89 | 92 | 93 | 95 | 89·3 |
| 4 | 95 | 94 | 97 | 96 | 96 | 96 | 98 | 98 | 97 | 94 | 91 | 91 | 88 | 82 | 82 | 85 | 84 | 87 | 88 | 91 | 93 | 89 | 84 | 79 | 81 | 90·4 |
| 5 | 81 | 82 | 80 | 81 | 80 | 79 | 76 | 79 | 77 | 73 | 74 | 78 | 73 | 72 | 73 | 72 | 76 | 73 | 77 | 79 | 81 | 81 | 77 | 78 | 80 | 77·1 |
| 6 | 80 | 86 | 88 | 88 | 87 | 83 | 80 | 76 | 75 | 74 | 73 | 72 | 74 | 70 | 69 | 70 | 69 | 75 | 76 | 79 | 81 | 83 | 84 | 87 | 88 | 78·7 |
| 7 | 88 | 89 | 92 | 94 | 91 | 93 | 93 | 94 | 91 | 87 | 86 | 86 | 84 | 80 | 79 | 76 | 79 | 75 | 79 | 80 | 84 | 90 | 88 | 89 | 88 | 86·0 |
| 8 | 89 | 88 | 85 | 85 | 89 | 87 | 92 | 90 | 88 | 88 | 81 | 81 | 78 | 76 | 77 | 78 | 78 | 80 | 80 | 84 | 91 | 91 | 93 | 93 | 93 | 85·2 |
| 9 | 93 | 92 | 94 | 93 | 95 | 97 | 97 | 96 | 95 | 92 | 94 | 86 | 85 | 85 | 86 | 87 | 86 | 85 | 86 | 89 | 89 | 90 | 91 | 92 | 93 | 90·6 |
| 10 | 93 | 94 | 95 | 96 | 94 | 94 | 89 | 75 | 72 | 70 | 69 | 70 | 70 | 66 | 67 | 66 | 65 | 68 | 69 | 70 | 72 | 74 | 75 | 74 | 77 | 76·7 |
| 11 | 77 | 73 | 72 | 70 | 76 | 71 | 69 | 73 | 73 | 71 | 71 | 60 | 67 | 64 | 68 | 64 | 66 | 66 | 70 | 69 | 75 | 79 | 81 | 83 | 85 | 71·3 |
| 12 | 85 | 82 | 90 | 85 | 91 | 90 | 91 | 89 | 85 | 82 | 78 | 71 | 73 | 70 | 69 | 72 | 70 | 72 | 71 | 74 | 82 | 83 | 86 | 86 | 85 | 80·3 |
| 13 | 85 | 89 | 90 | 92 | 93 | 93 | 91 | 93 | 90 | 90 | 93 | 91 | 93 | 94 | 92 | 87 | 91 | 93 | 92 | 92 | 97 | 97 | 96 | 97 | 94 | 92·3 |
| 14 | 94 | 95 | 96 | 96 | 96 | 95 | 95 | 93 | 95 | 92 | 84 | 82 | 76 | 72 | 71 | 75 | 80 | 80 | 83 | 84 | 89 | 89 | 92 | 93 | 92 | 87·3 |
| 15 | 92 | 92 | 94 | 93 | 94 | 95 | 96 | 94 | 89 | 86 | 82 | 76 | 76 | 79 | 80 | 80 | 76 | 74 | 74 | 80 | 88 | 88 | 91 | 93 | 94 | 86·0 |
| 16 | 94 | 91 | 94 | 86 | 82 | 80 | 84 | 82 | 77 | 80 | 87 | 78 | 75 | 71 | 66 | 63 | 63 | 63 | 60 | 63 | 67 | 75 | 76 | 79 | 75·4 | |
| 17 | 79 | 78 | 77 | 81 | 76 | 69 | 69 | 69 | 66 | 62 | 63 | 57 | 57 | 55 | 55 | 55 | 57 | 56 | 58 | 62 | 68 | 76 | 78 | 76 | 69 | 66·5 |
| 18 | 69 | 84 | 87 | 79 | 84 | 89 | 80 | 75 | 70 | 68 | 67 | 62 | 55 | 57 | 55 | 57 | 56 | 68 | 77 | 81 | 87 | 85 | 90 | 90 | 90 | 74·3 |
| 19 | 90 | 91 | 86 | 92 | 88 | 88 | 89 | 88 | 85 | 79 | 74 | 68 | 72 | 68 | 62 | 61 | 63 | 66 | 66 | 65 | 68 | 67 | 70 | 77 | 76 | 75·7 |
| 20 | 76 | 78 | 73 | 75 | 81 | 77 | 79 | 81 | 80 | 81 | 78 | 76 | 74 | 66 | 69 | 70 | 71 | 72 | 72 | 81 | 85 | 86 | 85 | 85 | 85 | 77·2 |
| 21 | 81 | 84 | 88 | 89 | 87 | 88 | 88 | 89 | 91 | 95 | 89 | 80 | 85 | 83 | 83 | 84 | 88 | 87 | 84 | 83 | 86 | 85 | 84 | 85 | 87 | 86·6 |
| 22 | 87 | 89 | 86 | 87 | 92 | 93 | 93 | 88 | 89 | 91 | 89 | 86 | 82 | 85 | 82 | 83 | 81 | 81 | 85 | 87 | 90 | 94 | 96 | 98 | 97 | 88·3 |
| 23 | 97 | 96 | 97 | 96 | 96 | 97 | 96 | 96 | 95 | 94 | 94 | 94 | 92 | 95 | 98 | 98 | 98 | 97 | 98 | 97 | 97 | 97 | 96 | 95 | 94 | 96·0 |
| 24 | 94 | 91 | 93 | 95 | 96 | 95 | 94 | 93 | 90 | 88 | 88 | 87 | 91 | 87 | 79 | 74 | 75 | 75 | 80 | 81 | 82 | 83 | 84 | 85 | 85 | 86·5 |
| 25 | 85 | 89 | 86 | 86 | 87 | 83 | 84 | 84 | 87 | 85 | 86 | 77 | 87 | 86 | 85 | 77 | 79 | 81 | 82 | 86 | 89 | 94 | 95 | 97 | 97 | 85·9 |
| 26 | 97 | 97 | 97 | 96 | 97 | 97 | 98 | 97 | 97 | 96 | 96 | 95 | 93 | 96 | 97 | 96 | 98 | 97 | 94 | 97 | 97 | 95 | 94 | 90 | 93 | 96·0 |
| 27 | 93 | 90 | 87 | 88 | 86 | 90 | 86 | 85 | 83 | 81 | 77 | 78 | 78 | 74 | 76 | 78 | 78 | 81 | 79 | 86 | 91 | 90 | 87 | 87 | 90 | 83·6 |
| 28 | 90 | 94 | 92 | 93 | 83 | 88 | 82 | 88 | 92 | 92 | 87 | 78 | 77 | 79 | 78 | 77 | 79 | 77 | 78 | 81 | 83 | 84 | 91 | 88 | 87 | 84·5 |
| 29 | 87 | 83 | 83 | 88 | 86 | 83 | 83 | 78 | 85 | 78 | 83 | 83 | 80 | 80 | 80 | 79 | 82 | 81 | 83 | 81 | 84 | 88 | 85 | 89 | 87 | 83·0 |
| 30 | 87 | 82 | 84 | 84 | 82 | 79 | 77 | 76 | 72 | 78 | 75 | 72 | 71 | 69 | 71 | 87 | 78 | 78 | 79 | 83 | 84 | 87 | 87 | 90 | 94 | 79·8 |
| 31 | 94 | 93 | 93 | 90 | 92 | 91 | 90 | 95 | 97 | 94 | 93 | 89 | 96 | 76 | 74 | 84 | 78 | 93 | 81 | 77 | 83 | 80 | 85 | 81 | 86 | 87·3 |
| Mean ... | 87·8 | 88·3 | 88·7 | 88·6 | 88·6 | 88·5 | 87·8 | 86·9 | 85·3 | 83·6 | 82·2 | 79·1 | 79·0 | 76·8 | 76·3 | 76·5 | 76·9 | 77·7 | 78·8 | 80·7 | 84·4 | 85·3 | 86·9 | 87·3 | 87·7 | 83·4 |
| Mean, 1886–1905. | 88·2 | 88·5 | 89·0 | 88·9 | 89·1 | 89·1 | 89·0 | 88·4 | 86·6 | 84·0 | 81·7 | 80·1 | 78·8 | 78·3 | 77·7 | 77·9 | 78·3 | 78·7 | 80·6 | 82·9 | 85·0 | 86·6 | 87·4 | 87·7 | 88·1 | 84·3 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. AUGUST, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1 + \ldots + 23 + \frac{1}{2}(0 + 24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES of PRESSURE and TEMPERATURE. AUGUST, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·207 | 0·092 | 62·1 | 51·3 | 9 | 9·860 | 9·490 | 63·5 | 48·9 | 17 | 0·157 | 0·109 | 57·0 | 49·2 | 25 | 9·394 | 9·261 | 61·7 | 54·1 |
| 2 | **0·268** | 0·169 | **69·3** | 53·1 | 10 | 9·780 | 9·403 | 61·8 | 46·4 | 18 | 0·203 | 0·154 | 56·5 | 49·3 | 26 | 9·424 | 8·958 | 61·5 | 54·2 |
| 3 | 0·169 | 0·028 | 68·3 | 53·1 | 11 | 0·101 | 9·780 | 55·8 | 42·1 | 19 | 0·194 | 0·134 | 59·6 | 48·7 | 27 | 9·170 | **8·861** | 63·2 | 50·2 |
| 4 | 0·028 | 9·772 | 66·3 | 52·9 | 12 | 0·118 | 9·959 | 56·0 | 39·0 | 20 | 0·141 | 9·923 | 53·8 | 48·5 | 28 | 9·129 | 8·957 | 61·4 | 50·2 |
| 5 | 0·062 | 9·768 | 58·4 | 51·1 | 13 | 9·959 | 9·805 | 57·2 | **36·9** | 21 | 9·923 | 9·624 | 54·7 | 50·1 | 29 | 9·441 | 8·982 | 58·5 | 48·3 |
| 6 | 0·086 | 0·033 | 62·9 | 49·6 | 14 | 0·022 | 9·825 | 59·5 | 50·9 | 22 | 9·625 | 9·593 | 58·4 | 50·2 | 30 | 9·589 | 9·434 | 59·8 | 45·9 |
| 7 | 0·114 | 0·044 | 61·0 | 51·7 | 15 | 0·078 | 0·021 | 60·2 | 51·0 | 23 | 9·641 | 9·564 | 57·4 | 43·9 | 31 | 9·591 | 9·193 | 59·2 | 43·0 |
| 8 | 0·091 | 9·827 | 68·9 | 48·8 | 16 | 0·135 | 0·076 | 56·3 | 47·4 | 24 | 9·627 | 9·394 | 61·3 | 48·5 | Mean | — | — | 60·4 | 48·7 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. AUGUST, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·096 | 0·095 | 0·095 | 0·095 | 0·095 | 0·095 | 0·094 | 0·105 | 0·106 | 0·103 | 0·109 | 0·119 | 0·127 | 0·129 | 0·131 | 0·131 | 0·138 | 0·141 | 0·147 | 0·157 | 0·168 | 0·182 | 0·195 | 0·200 | 0·207 | 0·130 |
| 2 | 0·207 | 0·214 | 0·217 | 0·218 | 0·225 | 0·235 | 0·239 | 0·241 | 0·246 | 0·253 | 0·249 | 0·257 | 0·263 | 0·262 | 0·256 | 0·252 | 0·235 | 0·219 | 0·219 | 0·209 | 0·204 | 0·198 | 0·190 | 0·180 | 0·169 | 0·228 |
| 3 | 0·169 | 0·162 | 0·158 | 0·149 | 0·131 | 0·117 | 0·115 | 0·110 | 0·105 | 0·090 | 0·097 | 0·097 | 0·098 | 0·097 | 0·094 | 0·093 | 0·091 | 0·090 | 0·089 | 0·083 | 0·085 | 0·072 | 0·061 | 0·042 | 0·028 | 0·101 |
| 4 | 0·028 | 0·008 | 9·989 | 9·972 | 9·952 | 9·943 | 9·928 | 9·915 | 9·910 | 9·895 | 9·875 | 9·851 | 9·848 | 9·840 | 9·832 | 9·816 | 9·803 | 9·794 | 9·805 | 9·792 | 9·794 | 9·798 | 9·788 | 9·783 | 9·775 | 9·868 |
| 5 | 9·775 | 9·771 | 9·776 | 9·769 | 9·773 | 9·778 | 9·789 | 9·804 | 9·818 | 9·837 | 9·855 | 9·869 | 9·899 | 9·914 | 9·934 | 9·953 | 9·968 | 9·978 | 9·992 | 0·005 | 0·027 | 0·045 | 0·055 | 0·057 | 0·062 | 9·899 |
| 6 | 0·062 | 0·065 | 0·066 | 0·063 | 0·066 | 0·069 | 0·082 | 0·082 | 0·084 | 0·077 | 0·073 | 0·076 | 0·085 | 0·072 | 0·065 | 0·053 | 0·046 | 0·038 | 0·040 | 0·039 | 0·053 | 0·068 | 0·070 | 0·068 | 0·065 | 0·065 |
| 7 | 0·065 | 0·061 | 0·057 | 0·053 | 0·045 | 0·046 | 0·050 | 0·056 | 0·053 | 0·061 | 0·077 | 0·073 | 0·078 | 0·086 | 0·081 | 0·073 | 0·077 | 0·080 | 0·096 | 0·104 | 0·106 | 0·113 | 0·105 | 0·095 | 0·091 | 0·075 |
| 8 | 0·091 | 0·082 | 0·078 | 0·059 | 0·046 | 0·036 | 0·021 | 0·012 | 0·001 | 9·986 | 9·970 | 9·957 | 9·940 | 9·916 | 9·895 | 9·886 | 9·873 | 9·862 | 9·858 | 9·842 | 9·842 | 9·839 | 9·834 | 9·829 | 9·827 | 9·943 |
| 9 | 9·827 | 9·837 | 9·837 | 9·836 | 9·844 | 9·854 | 9·860 | 9·852 | 9·853 | 9·846 | 9·839 | 9·829 | 9·812 | 9·788 | 9·755 | 9·714 | 9·697 | 9·677 | 9·650 | 9·618 | 9·596 | 9·570 | 9·547 | 9·515 | 9·490 | 9·745 |
| 10 | 9·490 | 9·471 | 9·430 | 9·404 | 9·450 | 9·437 | 9·436 | 9·454 | 9·465 | 9·510 | 9·514 | 9·508 | 9·511 | 9·528 | 9·529 | 9·543 | 9·561 | 9·576 | 9·608 | 9·643 | 9·683 | 9·702 | 9·735 | 9·753 | 9·789 | 9·545 |
| 11 | 9·780 | 9·792 | 9·799 | 9·800 | 9·806 | 9·826 | 9·837 | 9·848 | 9·855 | 9·871 | 9·892 | 9·901 | 9·916 | 9·935 | 9·951 | 9·967 | 9·982 | 9·995 | 0·028 | 0·048 | 0·069 | 0·079 | 0·093 | 0·097 | 0·101 | 9·930 |
| 12 | 0·101 | 0·108 | 0·115 | 0·117 | 0·115 | 0·118 | 0·117 | 0·110 | 0·109 | 0·099 | 0·098 | 0·095 | 0·089 | 0·075 | 0·064 | 0·056 | 0·047 | 0·035 | 0·033 | 0·026 | 0·017 | 0·010 | 0·007 | 9·980 | 9·950 | 0·069 |
| 13 | 9·959 | 9·945 | 9·933 | 9·920 | 9·912 | 9·900 | 9·889 | 9·876 | 9·857 | 9·845 | 9·843 | 9·838 | 9·833 | 9·813 | 9·815 | 9·820 | 9·823 | 9·813 | 9·820 | 9·822 | 9·828 | 9·825 | 9·832 | 9·830 | 9·840 | 9·856 |
| 14 | 9·840 | 9·837 | 9·841 | 9·838 | 9·828 | 9·836 | 9·842 | 9·862 | 9·887 | 9·876 | 9·893 | 0·006 | 9·918 | 9·927 | 9·925 | 9·932 | 9·940 | 9·953 | 9·964 | 9·977 | 9·994 | 9·998 | 0·005 | 0·010 | 0·022 | 9·913 |
| 15 | 0·022 | 0·023 | 0·022 | 0·025 | 0·030 | 0·035 | 0·042 | 0·051 | 0·056 | 0·057 | 0·061 | 0·067 | 0·068 | 0·065 | 0·068 | 0·060 | 0·058 | 0·058 | 0·064 | 0·065 | 0·071 | 0·075 | 0·077 | 0·074 | 0·078 | 0·055 |
| 16 | 0·078 | 0·081 | 0·078 | 0·078 | 0·080 | 0·082 | 0·091 | 0·096 | 0·101 | 0·103 | 0·107 | 0·109 | 0·114 | 0·117 | 0·121 | 0·116 | 0·115 | 0·113 | 0·113 | 0·111 | 0·122 | 0·131 | 0·133 | 0·128 | 0·128 | 0·106 |
| 17 | 0·128 | 0·123 | 0·124 | 0·119 | 0·111 | 0·116 | 0·111 | 0·115 | 0·115 | 0·116 | 0·121 | 0·116 | 0·113 | 0·118 | 0·117 | 0·114 | 0·117 | 0·119 | 0·123 | 0·128 | 0·141 | 0·147 | 0·152 | 0·153 | 0·157 | 0·124 |
| 18 | 0·157 | 0·156 | 0·161 | 0·155 | 0·159 | 0·161 | 0·169 | 0·181 | 0·182 | 0·183 | 0·186 | 0·195 | 0·193 | 0·191 | 0·193 | 0·192 | 0·186 | 0·188 | 0·186 | 0·192 | 0·194 | 0·195 | 0·200 | 0·198 | 0·194 | 0·182 |
| 19 | 0·194 | 0·191 | 0·189 | 0·177 | 0·169 | 0·170 | 0·173 | 0·166 | 0·178 | 0·181 | 0·180 | 0·166 | 0·163 | 0·157 | 0·154 | 0·145 | 0·144 | 0·137 | 0·134 | 0·138 | 0·148 | 0·147 | 0·150 | 0·148 | 0·141 | 0·161 |
| 20 | 0·141 | 0·138 | 0·133 | 0·120 | 0·105 | 0·103 | 0·102 | 0·105 | 0·102 | 0·094 | 0·085 | 0·074 | 0·074 | 0·055 | 0·046 | 0·039 | 0·025 | 0·004 | 0·000 | 9·998 | 9·986 | 9·976 | 9·963 | 9·943 | 9·923 | 0·054 |
| 21 | 9·923 | 9·918 | 9·899 | 9·880 | 9·855 | 9·838 | 9·836 | 9·830 | 9·818 | 9·808 | 9·793 | 9·779 | 9·777 | 9·760 | 9·749 | 9·728 | 9·715 | 9·701 | 9·681 | 9·681 | 9·675 | 9·665 | 9·650 | 9·639 | 9·625 | 9·769 |
| 22 | 9·625 | 9·615 | 9·611 | 9·610 | 9·599 | 9·597 | 9·599 | 9·599 | 9·599 | 9·598 | 9·611 | 9·614 | 9·620 | 9·613 | 9·614 | 9·613 | 9·612 | 9·610 | 9·611 | 9·613 | 0·024 | 9·617 | 9·614 | 9·610 | 9·606 | 9·610 |
| 23 | 9·606 | 9·590 | 9·584 | 9·576 | 9·566 | 9·572 | 9·573 | 9·577 | 9·590 | 9·591 | 9·602 | 9·607 | 9·606 | 9·609 | 9·604 | 9·606 | 9·620 | 9·617 | 9·627 | 9·627 | 9·633 | 9·633 | 9·637 | 9·635 | 9·627 | 9·604 |
| 24 | 9·627 | 9·623 | 9·625 | 9·593 | 9·578 | 9·585 | 9·590 | 9·589 | 9·593 | 9·593 | 9·583 | 9·566 | 9·567 | 9·554 | 9·547 | 9·538 | 9·515 | 9·507 | 9·497 | 9·489 | 9·477 | 9·457 | 9·438 | 9·417 | 9·394 | 9·543 |
| 25 | 9·394 | 9·360 | 9·331 | 9·306 | 9·281 | 9·273 | 9·267 | 9·262 | 9·264 | 9·267 | 9·265 | 9·268 | 9·264 | 9·267 | 9·270 | 9·276 | 9·277 | 9·277 | 9·288 | 9·301 | 9·318 | 9·327 | 9·328 | 9·330 | 9·339 | 9·293 |
| 26 | 9·339 | 9·337 | 9·342 | 9·347 | 9·355 | 9·366 | 9·380 | 9·395 | 9·406 | 9·416 | 9·422 | 9·407 | 9·404 | 9·402 | 9·385 | 9·363 | 9·326 | 9·295 | 9·259 | 

## ABERDEEN. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. AUGUST 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 26 | 6 | 25 | 9 | 26 | 9 | 25 | 7 | 25 | 5 | 24 | 7 | 25 | 8 | 27 | 13 | 27 | 15 | 28 | 13 | 28 | 11 | 30 | 12 |
| 2 | 25 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | — | 3 | 25 | 4 | 27 | 6 | 27 | 5 | — | 3 | 7 | 4 | — | 2 |
| 3 | 25 | 4 | 27 | 4 | 27 | 7 | 23 | 7 | 21 | 6 | 21 | 6 | 17 | 4 | 19 | 6 | 26 | 10 | 7 | 7 | 10 | 4 | 10 | 4 |
| 4 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 22 | 4 | 19 | 5 | 19 | 5 | — | 3 |
| 5 | 27 | 15 | 28 | 10 | 28 | 10 | 28 | 11 | 28 | 11 | 29 | 10 | 29 | 10 | 30 | 13 | 30 | 14 | 31 | 10 | 32 | 14 | 31 | 13 |
| 6 | 29 | 9 | 29 | 8 | 31 | 7 | 30 | 8 | 30 | 9 | 29 | 7 | 30 | 8 | 31 | 7 | 30 | 6 | 31 | 7 | 10 | 6 | 11 | 4 |
| 7 | 32 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | — | 3 | 29 | 7 | 31 | 7 | 32 | 4 | 10 | 4 |
| 8 | — | 2 | 19 | 4 | — | 3 | — | 3 | 20 | 6 | 21 | 6 | 21 | 7 | 20 | 5 | 21 | 8 | 20 | 8 | 23 | 7 | 23 | 9 |
| 9 | 21 | 4 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 22 | 4 | 15 | 9 | 13 | 10 | 14 | 11 |
| 10 | 13 | 8 | 16 | 8 | 18 | 10 | 24 | 5 | — | 2 | 13 | 4 | 15 | 5 | — | 3 | 20 | 4 | 19 | 4 | 20 | 4 | 23 | 9 |
| 11 | 26 | 6 | 25 | 6 | 25 | 9 | 25 | 6 | — | 3 | 25 | 4 | 25 | 8 | 26 | 11 | 27 | 11 | 27 | 10 | 28 | 11 | 28 | 11 |
| 12 | 27 | 7 | 27 | 7 | 27 | 7 | 27 | 6 | 27 | 6 | 27 | 7 | 27 | 9 | 28 | 11 | 29 | 11 | 29 | 11 | 28 | 11 | 29 | 11 |
| 13 | 27 | 5 | 27 | 7 | 27 | 5 | 27 | 6 | 27 | 5 | 27 | 7 | 27 | 12 | 28 | 14 | 29 | 13 | 29 | 14 | 29 | 17 | 28 | 17 |
| 14 | 28 | 9 | 28 | 12 | 28 | 10 | 28 | 13 | 27 | 15 | 27 | 15 | 29 | 12 | 29 | 12 | 28 | 15 | 28 | 12 | 29 | 10 | 30 | 9 |
| 15 | — | 2 | — | 2 | — | 0 | — | 0 | — | 1 | — | 2 | 13 | 4 | — | 3 | 12 | 6 | 13 | 7 | 14 | 9 | 14 | 10 |
| 16 | — | 2 | 18 | 4 | 18 | 4 | 18 | 4 | — | 2 | 27 | 5 | — | 1 | — | 2 | — | 3 | 1 | 4 | 30 | 5 | 8 | 4 |
| 17 | 31 | 5 | 31 | 5 | 32 | 7 | 30 | 7 | 29 | 8 | 30 | 7 | 28 | 10 | 29 | 9 | 30 | 10 | 31 | 10 | 29 | 13 | 28 | 11 |
| 18 | 31 | 10 | 31 | 8 | 28 | 7 | 29 | 8 | 29 | 7 | 29 | 7 | 29 | 8 | 29 | 7 | 29 | 10 | 1 | 7 | 3 | 7 | 32 | 8 |
| 19 | 29 | 6 | 31 | 5 | 31 | 7 | 30 | 7 | 30 | 7 | 29 | 5 | 32 | 7 | 30 | 7 | 31 | 7 | 30 | 9 | 30 | 7 | 32 | 9 |
| 20 | 30 | 5 | 1 | 4 | 31 | 5 | 32 | 5 | 30 | 4 | 29 | 4 | 32 | 4 | 31 | 6 | 31 | 4 | 32 | 7 | 2 | 6 | 3 | 7 |
| 21 | — | 2 | — | 3 | — | 3 | 32 | 5 | 1 | 4 | 1 | 4 | — | 3 | — | 3 | 4 | 4 | 6 | 5 | 7 | 6 | 9 | 7 |
| 22 | 20 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 0 | — | 0 | — | 2 | 27 | 4 | 28 | 5 | 27 | 7 | 27 | 5 |
| 23 | — | 3 | 27 | 5 | 27 | 4 | 27 | 6 | 26 | 4 | 27 | 5 | 27 | 7 | 27 | 7 | 27 | 7 | 29 | 4 | 7 | 4 | — | 3 |
| 24 | 20 | 4 | 20 | 4 | — | 2 | — | 3 | — | 2 | 19 | 4 | 19 | 4 | — | 3 | 17 | 7 | 18 | 5 | 16 | 8 | 16 | 8 |
| 25 | 14 | 7 | 15 | 7 | 14 | 6 | 14 | 4 | — | 2 | — | 2 | — | 2 | 17 | 4 | 18 | 5 | 18 | 5 | 15 | 7 | 14 | 9 |
| 26 | 25 | 6 | 25 | 8 | 28 | 9 | 26 | 7 | 25 | 7 | 26 | 6 | 27 | 6 | 28 | 8 | 28 | 7 | 27 | 5 | 27 | 4 | 26 | 4 |
| 27 | 15 | 13 | 17 | 14 | 26 | 20 | 25 | 15 | 24 | 10 | 23 | 12 | 23 | 10 | 21 | 9 | 22 | 10 | 22 | 14 | 22 | 20 | 21 | 15 |
| 28 | 15 | 8 | 17 | 8 | 18 | 5 | 17 | 5 | 18 | 7 | 19 | 7 | 18 | 7 | 19 | 8 | 19 | 9 | 20 | 9 | 20 | 12 | 20 | 11 |
| 29 | 17 | 4 | 18 | 6 | 18 | 5 | 19 | 7 | 20 | 9 | 18 | 6 | 18 | 9 | 19 | 10 | 19 | 10 | 20 | 7 | 27 | 15 | 27 | 17 |
| 30 | 21 | 8 | 18 | 7 | 19 | 7 | 18 | 4 | — | 3 | 18 | 4 | 19 | 7 | 19 | 6 | 21 | 8 | 21 | 10 | 21 | 10 | 22 | 10 |
| 31 | 20 | 7 | 20 | 6 | 20 | 5 | 21 | 5 | 21 | 7 | 21 | 5 | 20 | 6 | 21 | 10 | 20 | 7 | 19 | 5 | 17 | 7 | 15 | 8 |
| Mean ... | — | 6 | — | 6 | — | 6 | — | 6 | — | 5 | — | 5 | — | 6 | — | 7 | — | 8 | — | 8 | — | 9 | — | 9 |
| Mean, 1881–1905. | — | 5·6 | — | 5·4 | — | 5·5 | — | 5·5 | — | 5·4 | — | 5·7 | — | 6·3 | — | 7·5 | — | 8·4 | — | 8·9 | — | 9·5 | — | 9·8 |

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 28 | 12 | 28 | 10 | 28 | 11 | 28 | 12 | 29 | 8 | 28 | 6 | 31 | 7 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | 8 | 1 |
| 2 | — | 3 | 11 | 5 | 12 | 6 | 15 | 6 | 15 | 7 | 13 | 7 | 16 | 4 | 17 | 4 | — | 3 | — | 2 | 23 | 4 | 25 | 4 | 4 | 2 |
| 3 | 10 | 4 | 11 | 4 | — | 3 | 12 | 4 | 12 | 6 | 12 | 4 | 13 | 4 | 13 | 4 | — | 3 | — | 2 | — | 1 | — | 2 | 5 | 3 |
| 4 | 25 | 5 | 24 | 4 | 21 | 7 | 22 | 4 | 27 | 5 | 5 | 4 | — | 1 | 29 | 7 | 28 | 9 | 27 | 11 | 26 | 10 | 27 | 12 | 5 | 4 |
| 5 | 32 | 14 | 31 | 12 | 32 | 11 | 32 | 10 | 31 | 10 | 31 | 10 | 31 | 9 | 30 | 12 | 31 | 10 | 31 | 7 | 29 | 10 | 30 | 9 | 11 | 5 |
| 6 | 12 | 5 | 13 | 7 | 13 | 4 | 15 | 5 | 15 | 5 | 15 | 4 | 16 | 4 | — | 3 | 10 | 4 | — | 2 | — | 1 | — | 2 | 5 | 6 |
| 7 | 11 | 4 | 11 | 4 | 13 | 5 | 17 | 4 | — | 2 | 6 | 7 | — | 3 | — | 3 | — | 3 | — | 3 | 16 | 4 | — | 3 | 4 | 7 |
| 8 | 24 | 7 | 21 | 10 | 23 | 10 | 22 | 9 | 22 | 12 | 22 | 10 | 20 | 5 | 20 | 7 | 20 | 7 | 20 | 9 | 21 | 8 | 21 | 7 | 7 | 8 |
| 9 | 13 | 12 | 14 | 12 | 15 | 10 | 18 | 9 | 18 | 10 | 14 | 7 | 18 | 7 | 17 | 9 | 18 | 13 | 19 | 12 | 18 | 11 | 17 | 12 | 7 | 9 |
| 10 | 21 | 7 | 19 | 4 | 24 | 7 | 27 | 10 | 26 | 13 | 25 | 15 | 26 | 15 | 27 | 15 | 27 | 13 | 27 | 12 | 27 | 11 | 26 | 9 | 8 | 10 |
| 11 | 30 | 11 | 28 | 12 | 31 | 10 | 30 | 11 | 29 | 11 | 30 | 8 | 29 | 7 | 29 | 5 | 28 | 5 | 27 | 6 | 27 | 7 | 27 | 8 | 8 | 11 |
| 12 | 30 | 10 | 32 | 10 | 31 | 10 | 30 | 11 | 30 | 9 | 31 | 8 | 30 | 6 | 28 | 4 | 27 | 4 | 27 | 5 | 27 | 5 | 27 | 4 | 8 | 12 |
| 13 | 28 | 15 | 28 | 17 | 30 | 16 | 30 | 12 | 29 | 14 | 29 | 13 | 29 | 10 | 29 | 12 | 28 | 12 | 28 | 11 | 28 | 11 | 28 | 10 | 11 | 13 |
| 14 | 31 | 9 | 32 | 7 | 32 | 9 | 6 | 10 | 6 | 10 | 7 | 8 | 7 | 7 | 8 | 4 | 8 | 4 | — | 2 | — | 1 | — | 2 | 9 | 14 |
| 15 | 14 | 10 | 15 | 10 | 14 | 11 | 14 | 9 | 15 | 8 | 15 | 9 | 16 | 6 | 16 | 4 | 17 | 4 | — | 2 | — | 3 | — | 3 | 5 | 15 |
| 16 | 7 | 5 | 8 | 8 | 7 | 7 | 6 | 6 | 7 | — | 3 | — | 2 | 2 | 6 | 31 | 6 | 30 | 7 | 30 | 7 | 5 | 5 | 16 | | |
| 17 | 29 | 12 | 28 | 12 | 29 | 12 | 30 | 11 | 30 | 11 | 29 | 12 | 30 | 10 | 30 | 10 | 30 | 9 | 31 | 7 | 32 | 8 | 30 | 7 | 9 | 17 |
| 18 | 31 | 8 | 31 | 8 | 31 | 10 | 30 | 9 | 31 | 8 | 31 | 8 | 31 | 8 | 30 | 7 | 31 | 7 | 31 | 7 | 29 | 7 | 30 | 5 | 8 | 18 |
| 19 | 31 | 7 | 1 | 8 | 32 | 7 | 2 | 7 | 1 | 7 | 30 | 5 | 31 | 5 | 30 | 5 | 29 | 6 | 30 | 4 | 30 | 4 | 31 | 4 | 6 | 19 |
| 20 | 6 | 8 | 6 | 10 | 6 | 10 | 6 | 10 | 4 | 8 | 4 | 7 | 5 | 5 | 4 | 4 | 1 | 4 | 32 | 4 | 4 | 6 | — | 3 | 6 | 20 |
| 21 | 8 | 8 | 9 | 6 | 11 | 7 | 12 | 4 | 11 | 5 | 12 | 5 | 13 | 5 | 14 | 4 | 16 | 4 | 16 | 4 | 17 | 4 | 19 | 4 | 5 | 21 |
| 22 | — | 2 | — | 3 | 11 | 5 | 12 | 6 | 12 | 6 | 12 | 4 | 15 | 4 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | 3 | 22 |
| 23 | 9 | 5 | 9 | 5 | 10 | 4 | 12 | 4 | 12 | 6 | 13 | 4 | 15 | 4 | 18 | 4 | 18 | 4 | — | 3 | 20 | 4 | — | 3 | 5 | 23 |
| 24 | 16 | 8 | 15 | 8 | 16 | 8 | 16 | 10 | 17 | 10 | 16 | 9 | 19 | 5 | 17 | 6 | 18 | 4 | 16 | 4 | 14 | 7 | 14 | 6 | 6 | 24 |
| 25 | 15 | 7 | 15 | 7 | — | 3 | — | 2 | — | 2 | — | 2 | 25 | 4 | 26 | 6 | 26 | 5 | 26 | 4 | 24 | 5 | — | 3 | 5 | 25 |
| 26 | 14 | 6 | 12 | 8 | 14 | 9 | 15 | 4 | 16 | 7 | 16 | 9 | 15 | 9 | 15 | 9 | 15 | 5 | 16 | 12 | 14 | 13 | 15 | 12 | 8 | 26 |
| 27 | 23 | 16 | 22 | 17 | 20 | 18 | 20 | 18 | 20 | 15 | 20 | 11 | 21 | 10 | 20 | 9 | 19 | 10 | 18 | 9 | 18 | 10 | 19 | 10 | 13 | 27 |
| 28 | 21 | 13 | 21 | 14 | 21 | 14 | 19 | 13 | 20 | 11 | 20 | 11 | 18 | 8 | 19 | 8 | 18 | 5 | 20 | 8 | 19 | 9 | 18 | 5 | 9 | 28 |
| 29 | 27 | 15 | 27 | 15 | 27 | 14 | 26 | 13 | 26 | 15 | 25 | 7 | 25 | 7 | 26 | 6 | 21 | 5 | 20 | 4 | 19 | 7 | 21 | 6 | 9 | 29 |
| 30 | 26 | 7 | 25 | 7 | 23 | 9 | 25 | 10 | 25 | 10 | 25 | 10 | 23 | 7 | 24 | 7 | 23 | 7 | 22 | 6 | 21 | 10 | 22 | 8 | 8 | 30 |
| 31 | 15 | 11 | 15 | 12 | 16 | 10 | 14 | 9 | 14 | 13 | 13 | 9 | 12 | 10 | 13 | 15 | 12 | 15 | 10 | 15 | 9 | 16 | 8 | 23 | 10 | 31 |
| Mean ... | — | 9 | — | 9 | — | 9 | — | 8 | — | 9 | — | 8 | — | 6 | — | 7 | — | 6 | — | 6 | — | 7 | — | 6 | 7 | |
| Mean, 1881–1905. | — | 9·8 | — | 9·7 | — | 9·4 | — | 9·1 | — | 8·4 | — | 7·5 | — | 6·6 | — | 6·1 | — | 6·0 | — | 5·9 | — | 5·7 | — | 5·6 | 7·3 | |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## ABERDEEN. TABLE IV.—Rainfall in Hundredths of English Inches. AUGUST, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | 04 | — | — | — | — | — | — | 01 | — | — | — | — | — | 05 |
| 6 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | 01 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | — | — | — | — | — | 03 |
| 10 | — | — | — | 19 | 07 | 01 | 02 | 01 | 03 | — | — | — | 07 | — | — | — | — | — | — | — | — | — | — | — | 40 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | — | — | — | — | — | — | — | — | — | — | 03 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 19 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 22 | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 04 | 05 | — | — | — | 03 | 13 | 05 | 01 | 01 | — | 33 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 | 07 | 12 |
| 25 | 09 | — | — | — | 07† | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 16 |
| 26 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | 01 | — | 01 | 01 | 02 | 11 |
| 27 | — | 09 | 01 | — | — | — | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 22 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| Sum .. | 11 | 11 | 01 | 19 | 14 | 04 | 15 | 01 | 04 | — | 01 | 06 | 07 | 07 | 06 | — | — | 02 | 08 | 14 | 05 | 03 | 06 | 10 | 155 |
| Average 1871–1905. | ·137 | ·131 | ·128 | ·145 | ·137 | ·139 | ·135 | ·132 | ·112 | ·126 | ·082 | ·093 | ·132 | ·121 | ·135 | ·154 | ·193 | ·141 | ·153 | ·140 | ·147 | ·110 | ·117 | ·089 | 1·139 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.
† Fall since 1.30 a.m.; instrument out of action



## ABERDEEN. TABLE V.—Duration of Bright Sunshine in Hours. AUGUST, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·1 | ·5 | ·6 | — | — | — | — | — | — | ·5 | 1·0 | ·9 | ·6 | — | 4·2 | Dull; clearing at times, P.M. |
| 2 | — | — | ·6 | ·7 | ·2 | — | — | — | — | ·2 | ·5 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·2 | 7·3 | ⦿⁰; cloudy to clear and bright. |
| 3 | — | — | — | — | — | ·1 | — | ·2 | — | ·2 | ·2 | ·2 | — | ·2 | 1·0 | ·4 | — | 2·3 | Dull, threatening day; fine night. |
| 4 | — | — | ·1 | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | — | 0·5 | ≋⁰; cloudy to dull, with occasional ● |
| 5 | — | — | ·3 | ·2 | ·5 | — | — | — | ·1 | ·4 | ·1 | — | — | — | — | — | — | 1·6 | Overcast most of day; ●⁰. [showers. |
| 6 | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | ·3 | ·1 | ·3 | — | ·1 | ·1 | ·2 | — | ·3 | — | 5·1 | Bright to cloudy; ●⁰ at 22h. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·8 | — | — | 1·1 | Dull; clearing somewhat in evening. |
| 8 | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·1 | ·3 | ·5 | ·6 | ·9 | ·5 | ·3 | — | — | — | 8·6 | Bright to cloudy; ●⁰, ◠ at 19h. |
| 9 | — | — | ·3 | ·1 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | ·9 | ·1 | — | — | — | — | — | 6·5 | A.M. fine, ⊕; P.M. dull, ●⁰. |
| 10 | — | — | — | — | ·1 | ·2 | ·6 | ·6 | ·5 | ·6 | ·4 | ·9 | ·8 | ·6 | — | — | — | 5·3 | ●² early, then cloudy to clear at night. |
| 11 | — | ·3 | ·9 | ·3 | ·9 | ·8 | ·5 | ·9 | ·6 | ·5 | ·7 | ·9 | ·9 | ·9 | 1·0 | ·5 | — | 11·0 | Cloud and sunshine intermittent; meteor. |
| 12 | — | ·7 | 1·0 | 1·0 | 1·0 | ·8 | ·7 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | 13·8 | Fine and bright. [ites observed at night. |
| 13 | — | ·6 | 1·0 | 1·0 | 1·0 | ·9 | ·4 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | — | — | — | 8·0 | Bright till mid-day, then cloudy to dull. |
| 14 | — | — | — | — | — | — | — | — | ·1 | — | — | ·2 | — | — | — | — | — | 0·3 | Overcast nearly all day. |
| 15 | — | — | — | — | — | ·7 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | 10·1 | Dull early, then very fine; ≋⁰ in evening. |
| 16 | — | — | — | — | — | — | — | — | — | — | ·3 | ·9 | ·2 | — | — | — | — | 1·4 | ≋⁰ early, then dull to cloudy. |
| 17 | — | — | — | — | — | — | — | — | ·2 | ·3 | — | — | — | — | — | — | — | 0·5 | Cloudy to overcast, with occasional ●⁰ |
| 18 | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | 0·1 | Mainly overcast; ●⁰ early. [drizzle. |
| 19 | — | — | — | — | — | — | — | — | ·3 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | 6·8 | ●⁰ early; bright afternoon. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 21 | — | — | — | — | — | — | — | — | ·1 | — | ·5 | — | — | — | — | — | — | 0·6 | Dull day. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | ·8 | ·5 | ·4 | — | — | 1·7 | Overcast most of day; ●. |
| 23 | — | ·2 | ·4 | ·7 | ·1 | ·7 | ·8 | ·3 | ·2 | ·6 | 1·0 | ·4 | 1·0 | 1·0 | ·3 | ·1 | — | 7·8 | Cloudy, with bright intervals. |
| 24 | — | — | — | — | ·8 | — | ·9 | ·4 | ·5 | — | ·4 | 1·0 | ·4 | — | — | — | — | 4·4 | Cloudy to bright; ● at midnight. |
| 25 | — | — | — | — | ·8 | ·7 | ·4 | ·9 | 1·0 | ·2 | — | — | ·1 | ·2 | — | — | — | 5·2 | ●¹ early, then fair; ⊤ heard about 15h. |
| 26 | — | — | — | — | — | — | ·1 | ·5 | ·2 | — | — | — | — | — | — | — | — | 0·8 | Dull day, with ●. |
| 27 | — | — | — | ·7 | ·1 | ·5 | 1·0 | 1·0 | ·8 | ·9 | ·7 | ·7 | ·4 | ·2 | — | — | — | 8·0 | ●² at 2h. and 7h., then fine. |
| 28 | — | — | — | — | ·8 | ·9 | ·7 | ·8 | ·7 | ·2 | ·8 | ·8 | ·6 | ·1 | — | — | — | 6·4 | Cloudy to fine and bright. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 30 | — | — | ·1 | — | ·9 | ·4 | ·6 | ·3 | ·2 | ·3 | — | — | — | — | — | — | — | 2·8 | Dull day, with bright intervals and some. |
| 31 | — | ·1 | 1·0 | ·3 | ·1 | ·2 | ·5 | ·7 | ·5 | ·5 | ·6 | ·9 | ·4 | ·1 | ·7 | — | — | 6·6 | Cloudy to fair. [whar squally. |
| | — | — | ·2 | ·7 | ·9 | ·9 | ·4 | ·7 | ·7 | ·5 | ·6 | 1·0 | 1·0 | ·8 | — | — | — | 8·4 | Fine and bright, except about noon. |
| | — | 2·7 | 6·9 | 7·5 | 10·4 | 12·0 | 10·3 | 12·3 | 11·8 | 12·7 | 11·1 | 12·5 | 12·8 | 10·8 | 9·1 | 4·1 | 0·2 | 147·2 | Total. |
| | — | 1·77 | 6·64 | 9·44 | 11·41 | 12·15 | 12·68 | 13·14 | 13·37 | 13·51 | 13·06 | 12·26 | 11·00 | 8·88 | 5·85 | 1·65 | 0·02 | 146·82 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. AUGUST, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52·2 | 51·8 | 52·2 | 52·2 | 52·3 | 52·4 | 53·4 | 54·2 | 55·3 | 57·7 | 58·1 | 58·0 | 58·3 | 59·4 | 59·7 | 60·2 | 60·0 | 60·9 | 62·0 | 60·4 | 57·2 | 55·8 | 55·6 | 55·4 | 55·4 | 56·5 |
| 2 | 55·4 | 55·3 | 55·1 | 54·6 | 53·5 | 53·4 | 55·0 | 59·4 | 62·0 | 62·0 | 62·6 | 65·8 | 65·2 | 65·9 | 64·1 | 66·3 | 66·3 | 68·7 | 69·0 | 63·2 | 64·0 | 61·7 | 58·8 | 56·8 | 56·2 | 60·8 |
| 3 | 55·7 | 54·9 | 55·0 | 58·2 | 60·4 | 59·9 | 59·9 | 62·7 | 64·6 | 67·7 | 61·2 | 60·1 | 62·6 | 61·8 | 61·4 | 65·5 | 63·8 | 61·0 | 58·5 | 59·6 | 56·9 | 57·4 | 56·2 | 55·4 | 53·3 | 60·0 |
| 4 | 53·3 | 53·2 | 53·8 | 53·7 | 54·0 | 54·2 | 56·4 | 58·3 | 59·3 | 60·3 | 62·3 | 65·4 | 64·1 | 64·3 | 63·1 | 62·7 | 62·3 | 62·7 | 55·7 | 55·8 | 57·0 | 54·8 | 55·1 | 54·3 | 54·0 | 58·2 |
| 5 | 54·0 | 53·4 | 52·8 | 52·2 | 51·8 | 51·3 | 51·4 | 53·0 | 55·0 | 55·8 | 55·5 | 56·3 | 56·7 | 57·5 | 58·3 | 56·9 | 55·3 | 55·4 | 55·4 | 54·2 | 53·9 | 53·2 | 53·1 | 52·2 | 51·7 | 54·3 |
| 6 | 51·7 | 51·1 | 50·4 | 50·2 | 49·8 | 50·2 | 51·2 | 51·9 | 54·8 | 58·2 | 61·0 | 60·0 | 57·3 | 61·0 | 59·7 | 59·3 | 61·8 | 61·6 | 60·6 | 61·1 | 55·0 | 54·2 | 54·1 | 54·4 | 53·6 | 55·9 |
| 7 | 53·6 | 52·1 | 52·4 | 52·5 | 53·4 | 54·3 | 55·1 | 57·2 | 59·0 | 59·0 | 59·3 | 59·1 | 57·3 | 56·3 | 56·6 | 59·7 | 60·3 | 60·6 | 56·3 | 55·0 | 54·4 | 54·6 | 54·6 | 54·2 | 52·3 | 56·1 |
| 8 | 52·3 | 50·5 | 51·4 | 51·2 | 49·3 | 50·6 | 51·6 | 56·0 | 60·2 | 62·5 | 64·9 | 66·2 | 64·2 | 65·6 | 66·0 | 68·4 | 67·0 | 67·6 | 65·3 | 63·0 | 62·1 | 57·8 | 57·1 | 57·1 | 56·0 | 54·8 | 59·8 |
| 9 | 54·8 | 54·0 | 52·1 | 52·3 | 49·3 | 51·5 | 54·3 | 57·3 | 57·9 | 58·5 | 58·6 | 59·1 | 59·9 | 58·7 | 59·0 | 62·0 | 62·8 | 61·5 | 60·4 | 60·9 | 60·8 | 60·9 | 61·0 | 59·9 | 59·4 | 57·9 |
| 10 | 59·4 | 60·1 | 59·9 | 60·0 | 53·8 | 53·5 | 53·1 | 53·5 | 54·8 | 55·2 | 57·4 | 58·6 | 61·2 | 54·7 | 60·3 | 59·3 | 61·4 | 57·4 | 57·9 | 54·1 | 50·8 | 48·9 | 48·3 | 47·3 | 46·4 | 55·6 |
| 11 | 46·4 | 45·4 | 45·0 | 46·1 | 45·4 | 45·9 | 48·6 | 48·7 | 50·1 | 52·3 | 52·0 | 52·5 | 54·0 | 54·0 | 55·0 | 52·7 | 53·2 | 53·0 | 54·3 | 52·1 | 48·7 | 44·6 | 44·6 | 42·3 | 42·2 | 49·4 |
| 12 | 42·2 | 40·5 | 39·9 | 39·4 | 40·1 | 39·9 | 43·0 | 48·0 | 49·4 | 51·9 | 52·1 | 52·4 | 54·4 | 54·3 | 55·3 | 55·0 | 55·1 | 55·0 | 55·0 | 53·3 | 48·7 | 45·7 | 43·2 | 41·2 | 41·1 | 48·1 |
| 13 | 41·1 | 39·5 | 37·7 | 37·8 | 37·1 | 37·8 | 43·3 | 45·9 | 49·2 | 51·6 | 52·3 | 53·2 | 54·6 | 55·8 | 56·8 | 55·6 | 54·4 | 53·9 | 52·8 | 52·2 | 52·1 | 51·8 | 51·6 | 51·4 | 51·0 | 48·9 |
| 14 | 51·0 | 51·0 | 51·2 | 51·1 | 51·3 | 51·6 | 51·3 | 52·7 | 52·8 | 54·5 | 55·3 | 56·2 | 57·3 | 57·4 | 58·7 | 58·8 | 56·8 | 54·8 | 52·8 | 52·6 | 52·5 | 52·3 | 52·4 | 52·3 | 52·1 | 53·7 |
| 15 | 52·1 | 52·3 | 52·4 | 52·4 | 52·2 | 52·6 | 52·6 | 53·2 | 55·2 | 56·6 | 57·4 | 59·0 | 57·8 | 59·2 | 58·9 | 58·9 | 59·3 | 59·6 | 58·6 | 57·8 | 55·3 | 54·5 | 53·4 | 52·4 | 51·9 | 55·6 |
| 16 | 51·9 | 51·6 | 51·8 | 51·8 | 51·9 | 51·5 | 47·4 | 50·0 | 52·2 | 53·4 | 54·8 | 55·8 | 54·4 | 55·1 | 54·4 | 53·8 | 53·4 | 53·6 | 53·7 | 54·3 | 52·8 | 51·9 | 50·7 | 50·4 | 51·1 | 52·6 |
| 17 | 51·1 | 51·0 | 50·3 | 49·3 | 49·9 | 49·2 | 49·9 | 50·0 | 51·1 | 52·4 | 53·7 | 55·1 | 56·4 | 56·3 | 56·6 | 56·0 | 55·1 | 54·2 | 53·9 | 53·3 | 51·9 | 50·5 | 50·2 | 50·4 | 50·2 | 52·4 |
| 18 | 50·2 | 49·9 | 49·6 | 49·3 | 49·9 | 50·1 | 50·3 | 51·0 | 51·6 | 53·0 | 54·0 | 54·2 | 55·2 | 56·3 | 55·9 | 55·4 | 54·8 | 54·7 | 54·1 | 53·2 | 52·2 | 51·8 | 51·3 | 50·8 | 50·8 | 52·5 |
| 19 | 50·8 | 51·9 | 50·8 | 49·9 | 49·1 | 48·9 | 48·7 | 49·2 | 50·0 | 50·9 | 52·1 | 54·2 | 55·6 | 58·0 | 57·9 | 59·6 | 58·2 | 58·1 | 58·5 | 53·9 | 51·4 | 50·1 | 49·6 | 49·7 | 49·1 | 52·8 |
| 20 | 49·1 | 48·8 | 48·6 | 48·6 | 48·7 | 48·7 | 49·9 | 49·0 | 49·2 | 49·8 | 50·9 | 51·6 | 52·3 | 53·2 | 52·9 | 52·3 | 52·1 | 51·7 | 51·5 | 51·5 | 51·8 | 51·5 | 51·5 | 51·9 | 51·4 | 50·9 |
| 21 | 51·4 | 51·3 | 51·4 | 51·0 | 50·3 | 50·1 | 50·1 | 50·6 | 51·0 | 51·6 | 52·8 | 53·0 | 53·0 | 54·2 | 52·6 | 52·9 | 52·3 | 52·6 | 52·9 | 52·3 | 52·2 | 52·4 | 52·2 | 52·1 | 50·9 | 51·9 |
| 22 | 50·9 | 51·4 | 51·6 | 51·5 | 51·3 | 51·2 | 51·5 | 52·5 | 55·3 | 57·4 | 55·6 | 55·8 | 54·4 | 56·2 | 56·2 | 53·9 | 54·4 | 53·5 | 53·2 | 52·4 | 51·9 | 51·7 | 51·1 | 50·7 | 50·2 | 53·1 |
| 23 | 50·2 | 48·5 | 47·2 | 46·8 | 45·4 | 44·3 | 45·6 | 48·3 | 49·1 | 51·5 | 54·8 | 54·8 | 56·2 | 55·3 | 55·3 | 55·9 | 55·2 | 55·1 | 54·6 | 53·7 | 51·9 | 50·8 | 49·3 | 48·5 | 48·6 | 51·1 |
| 24 | 48·6 | 49·2 | 49·4 | 49·6 | 49·1 | 50·2 | 51·1 | 51·3 | 52·2 | 54·4 | 55·7 | 59·1 | 60·0 | 60·8 | 58·3 | 58·2 | 59·1 | 58·9 | 58·3 | 56·8 | 56·2 | 56·2 | 56·3 | 55·3 | 54·9 | 54·9 |
| 25 | 54·9 | 55·0 | 54·8 | 54·9 | 54·7 | 54·5 | 54·3 | 54·6 | 57·4 | 59·4 | 59·8 | 61·5 | 60·2 | 60·4 | 60·2 | 58·7 | 57·5 | 57·2 | 58·5 | 57·8 | 56·2 | 55·2 | 54·6 | 55·2 | 55·2 | 57·0 |
| 26 | 55·2 | 55·1 | 55·2 | 55·2 | 54·2 | 54·2 | 54·5 | 54·9 | 55·3 | 56·2 | 56·9 | 58·7 | 60·6 | 58·6 | 58·2 | 58·0 | 58·2 | 59·2 | 56·8 | 55·3 | 54·9 | 55·8 | 56·9 | 57·0 | 56·5 | 56·5 |
| 27 | 56·5 | 56·4 | 56·4 | 52·4 | 50·8 | 50·3 | 51·7 | 53·2 | 55·2 | 55·6 | 59·2 | 60·9 | 61·9 | 60·4 | 62·2 | 61·2 | 60·2 | 58·0 | 57·3 | 55·9 | 53·8 | 53·8 | 52·1 | 52·0 | 51·9 | 56·0 |
| 28 | 51·9 | 50·9 | 50·9 | 50·3 | 50·7 | 50·2 | 51·3 | 52·1 | 53·5 | 56·3 | 58·3 | 58·8 | 61·2 | 60·2 | 60·4 | 59·7 | 59·1 | 57·3 | 56·2 | 54·2 | 52·6 | 51·5 | 52·0 | 51·5 | 51·2 | 54·6 |
| 29 | 51·2 | 50·9 | 50·7 | 50·6 | 50·3 | 51·6 | 51·7 | 52·3 | 54·2 | 57·0 | 55·2 | 55·8 | 54·6 | 54·6 | 53·7 | 53·6 | 54·1 | 52·4 | 51·1 | 50·4 | 49·9 | 48·6 | 48·5 | 48·5 | 48·5 | 52·1 |
| 30 | 48·5 | 47·9 | 48·2 | 48·2 | 47·4 | 46·9 | 48·5 | 50·5 | 53·2 | 54·9 | 56·7 | 56·2 | 57·8 | 58·5 | 58·5 | 59·0 | 58·2 | 56·4 | 56·3 | 53·1 | 51·2 | 50·3 | 47·5 | 46·8 | 46·3 | 52·4 |
| 31 | 46·3 | 46·0 | 45·2 | 45·2 | 43·3 | 43·9 | 43·2 | 46·2 | 51·0 | 54·2 | 56·2 | 57·4 | 57·6 | 58·1 | 56·6 | 56·5 | 55·3 | 54·2 | 53·6 | 53·1 | 53·2 | 53·0 | 52·5 | 53·2 | 53·2 | 51·6 |
| Mean ... | 51·4 | 51·0 | 50·8 | 50·6 | 50·0 | 50·2 | 51·1 | 52·7 | 54·3 | 56·0 | 56·8 | 57·5 | 58·0 | 58·1 | 58·3 | 58·2 | 58·1 | 57·4 | 56·3 | 55·4 | 53·8 | 52·9 | 52·4 | 51·9 | 51·4 | 54·3 |
| Mean, 1871–1905. | 53·3 | 52·9 | 52·5 | 52·2 | 51·9 | 51·9 | 52·7 | 54·4 | 55·7 | 56·9 | 57·8 | 58·5 | 58·9 | 59·3 | 59·3 | 59·2 | 58·8 | 58·4 | 57·7 | 56·7 | 55·6 | 54·8 | 54·2 | 53·7 | 53·2 | 55·6 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). AUGUST, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 70 | 70 | 69 | 69 | 71 | 72 | 68 | 66 | 66 | 65 | 61 | 63 | 65 | 63 | 62 | 63 | 62 | 66 | 63 | 65 | 74 | 76 | 78 | 79 | 80 | 68·0 |
| 2 | 80 | 81 | 82 | 87 | 92 | 94 | 97 | 87 | 80 | 83 | 77 | 78 | 77 | 82 | 78 | 74 | 66 | 61 | 70 | 69 | 76 | 83 | 86 | 87 | 88 | 80·5 |
| 3 | 88 | 89 | 88 | 81 | 74 | 77 | 77 | 74 | 76 | 66 | 81 | 83 | 77 | 78 | 79 | 74 | 75 | 78 | 82 | 80 | 83 | 83 | 88 | 90 | 91 | 80·1 |
| 4 | 91 | 91 | 88 | 89 | 88 | 90 | 86 | 84 | 85 | 76 | 70 | 66 | 73 | 73 | 74 | 75 | 81 | 77 | 91 | 91 | 89 | 88 | 84 | 83 | 76 | 82·3 |
| 5 | 76 | 79 | 79 | 82 | 83 | 83 | 91 | 82 | 79 | 75 | 84 | 82 | 81 | 77 | 74 | 80 | 87 | 86 | 86 | 90 | 85 | 86 | 86 | 91 | 91 | 83·2 |
| 6 | 89 | 90 | 89 | 90 | 91 | 90 | 88 | 82 | 79 | 73 | 67 | 72 | 79 | 73 | 74 | 75 | 71 | 72 | 75 | 71 | 88 | 90 | 91 | 91 | 90 | 81·3 |
| 7 | 90 | 92 | 91 | 91 | 90 | 87 | 85 | 86 | 79 | 82 | 86 | 88 | 87 | 82 | 82 | 82 | 82 | 91 | 89 | 88 | 87 | 87 | 90 | 92 | 87 | 87·3 |
| 8 | 92 | 91 | 88 | 86 | 85 | 80 | 71 | 70 | 67 | 60 | 57 | 58 | 53 | 51 | 48 | 52 | 49 | 51 | 57 | 60 | 78 | 78 | 76 | 78 | 80 | 67·9 |
| 9 | 80 | 82 | 87 | 88 | 88 | 78 | 75 | 62 | 59 | 57 | 61 | 61 | 57 | 64 | 68 | 63 | 59 | 62 | 69 | 72 | 76 | 77 | 77 | 79 | 83 | 85 | 71·2 |
| 10 | 85 | 84 | 87 | 86 | 89 | 89 | 91 | 91 | 90 | 80 | 72 | 55 | 76 | 65 | 61 | 54 | 59 | 57 | 70 | 77 | 77 | 77 | 77 | 77 | 80 | 76·6 |
| 11 | 80 | 81 | 79 | 75 | 77 | 81 | 72 | 70 | 68 | 66 | 68 | 68 | 59 | 59 | 58 | 70 | 60 | 65 | 59 | 65 | 73 | 84 | 81 | 87 | 86 | 71·2 |
| 12 | 76 | 79 | 79 | 89 | 87 | 89 | 85 | 77 | 73 | 63 | 65 | 63 | 56 | 56 | 53 | 55 | 52 | 56 | 56 | 61 | 72 | 80 | 84 | 88 | 87 | 71·8 |
| 13 | 87 | 90 | 94 | 92 | 93 | 92 | 84 | 81 | 72 | 66 | 66 | 64 | 63 | 64 | 59 | 64 | 69 | 74 | 77 | 82 | 81 | 83 | 84 | 86 | 89 | 77·8 |
| 14 | 89 | 89 | 89 | 85 | 85 | 86 | 85 | 83 | 83 | 79 | 80 | 78 | 75 | 75 | 74 | 74 | 79 | 83 | 90 | 88 | 89 | 88 | 88 | 88 | 87 | 83·4 |
| 15 | 87 | 85 | 88 | 89 | 91 | 90 | 91 | 91 | 86 | 82 | 82 | 78 | 79 | 74 | 78 | 78 | 77 | 74 | 76 | 81 | 88 | 86 | 87 | 89 | 90 | 83·7 |
| 16 | 90 | 90 | 93 | 93 | 93 | 93 | 96 | 94 | 92 | 90 | 88 | 82 | 88 | 84 | 85 | 82 | 85 | 83 | 84 | 87 | 84 | 85 | 87 | 86 | 83 | 87·9 |
| 17 | 83 | 88 | 90 | 92 | 85 | 90 | 85 | 90 | 86 | 85 | 76 | 75 | 74 | 76 | 74 | 77 | 81 | 81 | 82 | 82 | 87 | 87 | 87 | 88 | 90 | 83·5 |
| 18 | 90 | 91 | 92 | 93 | 92 | 91 | 92 | 90 | 89 | 86 | 85 | 81 | 79 | 75 | 77 | 77 | 76 | 79 | 80 | 83 | 86 | 87 | 87 | 86 | 88 | 85·1 |
| 19 | 88 | 85 | 91 | 90 | 89 | 90 | 92 | 91 | 86 | 86 | 82 | 78 | 77 | 74 | 73 | 73 | 75 | 75 | 73 | 83 | 88 | 90 | 93 | 92 | 93 | 84·0 |
| 20 | 93 | 93 | 96 | 95 | 95 | 93 | 94 | 92 | 91 | 88 | 87 | 85 | 84 | 84 | 83 | 85 | 85 | 89 | 86 | 87 | 85 | 89 | 87 | 83 | 88 | 88·6 |
| 21 | 88 | 90 | 89 | 89 | 90 | 92 | 92 | 92 | 90 | 91 | 85 | 86 | 84 | 80 | 86 | 86 | 87 | 86 | 86 | 86 | 87 | 91 | 91 | 91 | 92 | 88·3 |
| 22 | 92 | 90 | 89 | 87 | 86 | 88 | 90 | 89 | 83 | 80 | 84 | 84 | 83 | 81 | 77 | 87 | 85 | 87 | 85 | 89 | 90 | 91 | 93 | 92 | 93 | 86·8 |
| 23 | 93 | 95 | 93 | 94 | 96 | 97 | 95 | 90 | 80 | 78 | 72 | 75 | 70 | 76 | 76 | 69 | 70 | 70 | 73 | 77 | 85 | 83 | 85 | 86 | 83 | 82·3 |
| 24 | 83 | 77 | 79 | 82 | 84 | 87 | 84 | 87 | 83 | 77 | 74 | 73 | 73 | 74 | 76 | 78 | 78 | 76 | 80 | 85 | 87 | 87 | 84 | 87 | 90 | 80·8 |
| 25 | 90 | 92 | 93 | 93 | 93 | 95 | 95 | 95 | 91 | 81 | 77 | 75 | 73 | 74 | 71 | 77 | 75 | 79 | 81 | 81 | 80 | 87 | 89 | 86 | 87 | 84·2 |
| 26 | 87 | 88 | 89 | 89 | 90 | 91 | 89 | 88 | 86 | 82 | 80 | 77 | 74 | 79 | 81 | 79 | 81 | 76 | 86 | 90 | 93 | 92 | 95 | 93 | 92 | 85·8 |
| 27 | 92 | 93 | 93 | 87 | 88 | 87 | 79 | 70 | 70 | 68 | 58 | 54 | 47 | 57 | 49 | 53 | 54 | 63 | 62 | 66 | 68 | 69 | 76 | 77 | 76 | 69·7 |
| 28 | 76 | 83 | 83 | 84 | 85 | 79 | 85 | 83 | 83 | 81 | 71 | 63 | 58 | 56 | 55 | 56 | 59 | 57 | 59 | 65 | 69 | 72 | 78 | 75 | 78 | 80 | 71·5 |
| 29 | 80 | 83 | 83 | 84 | 85 | 79 | 77 | 77 | 74 | 68 | 70 | 73 | 75 | 68 | 67 | 62 | 60 | 68 | 69 | 73 | 68 | 74 | 72 | 71 | 71 | 73·2 |
| 30 | 71 | 75 | 74 | 76 | 81 | 83 | 78 | 74 | 73 | 65 | 63 | 63 | 58 | 58 | 60 | 52 | 54 | 59 | 56 | 64 | 64 | 67 | 74 | 73 | 74 | 67·3 |
| 31 | 74 | 76 | 78 | 78 | 81 | 77 | 79 | 76 | 65 | 61 | 60 | 61 | 66 | 66 | 70 | 69 | 70 | 74 | 77 | 82 | 82 | 86 | 91 | 89 | 91 | 74·8 |
| Mean ... | 85·2 | 86·2 | 86·9 | 86·6 | 87·0 | 87·3 | 85·5 | 82·8 | 79·6 | 75·6 | 73·6 | 72·5 | 70·8 | 71·4 | 70·7 | 71·1 | 70·8 | 72·6 | 75·0 | 77·9 | 81·3 | 83·5 | 84·7 | 85·3 | 85·8 | 79·3 |
| Mean,* 1886-1905. | 84·6 | 85·4 | 86·2 | 86·4 | 87·2 | 87·2 | 85·6 | 82·1 | 79·4 | 75·7 | 73·9 | 72·4 | 71·2 | 70·6 | 70·4 | 71·3 | 72·4 | 73·9 | 75·9 | 78·6 | 81·3 | 82·4 | 83·5 | 84·0 | 84·8 | 79·2 |

* Mean for 19 years only—1893 omitted.

[Price Sixpence.]

# FALMOUTH OBSERVATORY. AUGUST, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. AUGUST, 1908.

| Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·176 | 0·116 | 68·2 | 54·0 | 9 | 0·007 | 9·864 | 67·6 | 55·2 | 17 | 9·937 | 9·891 | 64·7 | 57·5 | 25 | 9·736 | 9·564 | 64·4 | 55·9 |
| 2 | 0·205 | 0·116 | 68·7 | 56·2 | 10 | 9·974 | 9·770 | 67·3 | 54·0 | 18 | 9·952 | 9·911 | 64·2 | 57·9 | 26 | 9·736 | 9·345 | 65·9 | 57·5 |
| 3 | **0·223** | 0·143 | **71·2** | 55·1 | 11 | 0·160 | 9·974 | 62·8 | 52·2 | 19 | 9·946 | 9·835 | 65·1 | 57·9 | 27 | 9·592 | 9·347 | 64·0 | 54·8 |
| 4 | 0·143 | 9·928 | 67·9 | 56·0 | 12 | 0·152 | 9·996 | 66·1 | 52·2 | 20 | 9·835 | 9·517 | 62·6 | 57·9 | 28 | 9·482 | 9·334 | 64·0 | 55·0 |
| 5 | 9·928 | 9·749 | 61·1 | 56·8 | 13 | 9·996 | 9·893 | 63·3 | **50·3** | 21 | 9·578 | 9·386 | 61·1 | 57·1 | 29 | 9·698 | 9·461 | 62·0 | 53·1 |
| 6 | 9·994 | 9·831 | 66·0 | 56·2 | 14 | 9·831 | 9·787 | 67·1 | 56·0 | 22 | 9·878 | 9·578 | 63·8 | 56·0 | 30 | 9·888 | 9·696 | 61·8 | 51·9 |
| 7 | 0·100 | 9·990 | 68·0 | 54·4 | 15 | 9·882 | 9·813 | 61·7 | 55·2 | 23 | 9·866 | 9·703 | 64·6 | 56·1 | 31 | 9·880 | **9·217** | 59·1 | 52·1 |
| 8 | 0·082 | 0·007 | 66·8 | 56·5 | 16 | 9·891 | 9·856 | 64·9 | 57·0 | 24 | 9·795 | 9·594 | 66·0 | 57·5 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 64·9 | 55·3 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. AUGUST, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·170 | 0·168 | 0·162 | 0·162 | 0·162 | 0·168 | 0·172 | 0·172 | 0·174 | 0·174 | 0·174 | 0·168 | 0·162 | 0·150 | 0·140 | 0·132 | 0·124 | 0·124 | 0·118 | 0·120 | 0·124 | 0·120 | 0·116 | 0·120 | 0·120 | 0·148 |
| 2 | 0·120 | 0·120 | 0·122 | 0·118 | 0·118 | 0·132 | 0·142 | 0·154 | 0·164 | 0·166 | 0·172 | 0·171 | 0·171 | 0·170 | 0·179 | 0·179 | 0·179 | 0·175 | 0·179 | 0·185 | 0·193 | 0·199 | 0·201 | 0·203 | 0·205 | 0·165 |
| 3 | 0·205 | 0·201 | 0·203 | 0·205 | 0·207 | 0·211 | 0·223 | 0·221 | 0·221 | 0·219 | 0·219 | 0·215 | 0·209 | 0·203 | 0·191 | 0·189 | 0·173 | 0·161 | 0·157 | 0·153 | 0·153 | 0·153 | 0·153 | 0·147 | 0·143 | 0·190 |
| 4 | 0·143 | 0·137 | 0·125 | 0·117 | 0·101 | 0·099 | 0·101 | 0·101 | 0·093 | 0·089 | 0·079 | 0·082 | 0·076 | 0·062 | 0·048 | 0·048 | 0·030 | 0·018 | 0·002 | 9·986 | 9·974 | 9·974 | 9·950 | 9·944 | 9·928 | 0·053 |
| 5 | 9·928 | 9·908 | 9·888 | 9·870 | 9·844 | 9·836 | 9·832 | 9·824 | 9·808 | 9·794 | 9·784 | 9·779 | 9·769 | 9·757 | 9·757 | 9·755 | 9·757 | 9·755 | 9·765 | 9·775 | 9·801 | 9·809 | 9·829 | 9·833 | 9·841 | 9·809 |
| 6 | 9·841 | 9·839 | 9·839 | 9·839 | 9·839 | 9·843 | 9·859 | 9·867 | 9·879 | 9·883 | 9·895 | 9·896 | 9·908 | 9·898 | 9·904 | 9·902 | 9·906 | 9·908 | 9·922 | 9·928 | 9·942 | 9·956 | 9·968 | 9·978 | 9·994 | 9·897 |
| 7 | 9·994 | 9·990 | 9·992 | 9·996 | 9·998 | 0·000 | 0·014 | 0·028 | 0·038 | 0·038 | 0·046 | 0·048 | 0·054 | 0·054 | 0·060 | 0·064 | 0·068 | 0·066 | 0·060 | 0·064 | 0·078 | 0·096 | 0·096 | 0·094 | 0·082 | 0·045 |
| 8 | 0·082 | 0·078 | 0·078 | 0·074 | 0·070 | 0·066 | 0·066 | 0·064 | 0·064 | 0·064 | 0·065 | 0·057 | 0·053 | 0·045 | 0·041 | 0·027 | 0·023 | 0·021 | 0·023 | 0·029 | 0·025 | 0·023 | 0·021 | 0·007 | 0·050 |
| 9 | 0·007 | 0·005 | 0·003 | 9·995 | 9·989 | 9·985 | 9·987 | 9·991 | 9·991 | 9·989 | 9·983 | 9·982 | 9·982 | 9·978 | 9·962 | 9·946 | 9·934 | 9·926 | 9·922 | 9·920 | 9·918 | 9·906 | 9·896 | 9·886 | 9·864 | 9·959 |
| 10 | 9·864 | 9·846 | 9·826 | 9·806 | 9·796 | 9·786 | 9·778 | 9·770 | 9·772 | 9·774 | 9·774 | 9·774 | 9·778 | 9·774 | 9·790 | 9·796 | 9·814 | 9·834 | 9·846 | 9·862 | 9·896 | 9·920 | 9·944 | 9·956 | 9·974 | 9·826 |
| 11 | 9·974 | 9·982 | 9·996 | 0·000 | 0·018 | 0·036 | 0·056 | 0·064 | 0·080 | 0·096 | 0·108 | 0·110 | 0·118 | 0·122 | 0·124 | 0·122 | 0·122 | 0·118 | 0·128 | 0·134 | 0·146 | 0·152 | 0·158 | 0·152 | 0·152 | 0·092 |
| 12 | 0·152 | 0·150 | 0·142 | 0·138 | 0·128 | 0·134 | 0·148 | 0·148 | 0·146 | 0·140 | 0·134 | 0·124 | 0·108 | 0·096 | 0·082 | 0·066 | 0·050 | 0·052 | 0·044 | 0·038 | 0·036 | 0·036 | 0·024 | 0·014 | 9·996 | 0·094 |
| 13 | 9·996 | 9·988 | 9·974 | 9·962 | 9·954 | 9·950 | 9·946 | 9·942 | 9·930 | 9·916 | 9·908 | 9·897 | 9·883 | 9·875 | 9·863 | 9·853 | 9·845 | 9·837 | 9·829 | 9·825 | 9·819 | 9·819 | 9·817 | 9·807 | 9·807 | 9·889 |
| 14 | 9·807 | 9·797 | 9·787 | 9·787 | 9·789 | 9·791 | 9·797 | 9·801 | 9·799 | 9·799 | 9·805 | 9·801 | 9·801 | 9·801 | 9·797 | 9·795 | 9·795 | 9·797 | 9·795 | 9·799 | 9·805 | 9·817 | 9·825 | 9·827 | 9·825 | 9·801 |
| 15 | 9·825 | 9·815 | 9·817 | 9·815 | 9·815 | 9·817 | 9·827 | 9·833 | 9·843 | 9·845 | 9·855 | 9·858 | 9·870 | 9·872 | 9·874 | 9·870 | 9·868 | 9·874 | 9·870 | 9·872 | 9·870 | 9·880 | 9·878 | 9·882 | 9·882 | 9·853 |
| 16 | 9·882 | 9·874 | 9·868 | 9·868 | 9·868 | 9·862 | 9·864 | 9·862 | 9·862 | 9·862 | 9·856 | 9·861 | 9·859 | 9·863 | 9·871 | 9·871 | 9·865 | 9·863 | 9·865 | 9·865 | 9·877 | 9·881 | 9·889 | 9·891 | 9·891 | 9·869 |
| 17 | 9·891 | 9·891 | 9·891 | 9·893 | 9·891 | 9·893 | 9·905 | 9·909 | 9·921 | 9·923 | 9·935 | 9·937 | 9·937 | 9·935 | 9·935 | 9·929 | 9·923 | 9·917 | 9·917 | 9·921 | 9·917 | 9·923 | 9·927 | 9·925 | 9·925 | 9·917 |
| 18 | 9·925 | 9·921 | 9·913 | 9·913 | 9·913 | 9·921 | 9·925 | 9·935 | 9·935 | 9·941 | 9·942 | 9·946 | 9·944 | 9·944 | 9·936 | 9·934 | 9·926 | 9·926 | 9·932 | 9·942 | 9·944 | 9·950 | 9·952 | 9·946 | 9·933 |
| 19 | 9·946 | 9·946 | 9·928 | 9·922 | 9·908 | 9·908 | 9·902 | 9·906 | 9·912 | 9·912 | 9·914 | 9·919 | 9·905 | 9·901 | 9·899 | 9·885 | 9·883 | 9·877 | 9·873 | 9·867 | 9·873 | 9·867 | 9·861 | 9·849 | 9·835 | 9·896 |
| 20 | 9·835 | 9·809 | 9·777 | 9·753 | 9·711 | 9·681 | 9·663 | 9·641 | 9·627 | 9·609 | 9·603 | 9·591 | 9·583 | 9·567 | 9·565 | 9·541 | 9·531 | 9·531 | 9·533 | 9·535 | 9·543 | 9·543 | 9·541 | 9·527 | 9·517 | 9·612 |
| 21 | 9·517 | 9·511 | 9·507 | 9·505 | 9·487 | 9·481 | 9·473 | 9·461 | 9·463 | 9·465 | 9·465 | 9·455 | 9·439 | 9·409 | 9·408 | 9·406 | 9·392 | 9·386 | 9·400 | 9·420 | 9·460 | 9·488 | 9·516 | 9·544 | 9·578 | 9·462 |
| 22 | 9·578 | 9·588 | 9·616 | 9·642 | 9·662 | 9·684 | 9·708 | 9·720 | 9·760 | 9·772 | 9·796 | 9·808 | 9·814 | 9·828 | 9·832 | 9·838 | 9·846 | 9·846 | 9·850 | 9·850 | 9·866 | 9·876 | 9·870 | 9·870 | 9·866 | 9·778 |
| 23 | 9·866 | 9·856 | 9·842 | 9·824 | 9·806 | 9·788 | 9·778 | 9·764 | 9·766 | 9·770 | 9·772 | 9·763 | 9·741 | 9·721 | 9·715 | 9·717 | 9·721 | 9·725 | 9·723 | 9·721 | 9·733 | 9·739 | 9·735 | 9·723 | 9·703 | 9·759 |
| 24 | 9·703 | 9·701 | 9·695 | 9·703 | 9·719 | 9·731 | 9·753 | 9·765 | 9·779 | 9·789 | 9·795 | 9·788 | 9·786 | 9·780 | 9·768 | 9·758 | 9·748 | 9·724 | 9·704 | 9·692 | 9·682 | 9·672 | 9·640 | 9·620 | 9·594 | 9·727 |
| 25 | 9·594 | 9·580 | 9·574 | 9·572 | 9·570 | 9·574 | 9·578 | 9·584 | 9·594 | 9·594 | 9·602 | 9·612 | 9·630 | 9·640 | 9·648 | 9·656 | 9·660 | 9·662 | 9·674 | 9·682 | 9·700 | 9·712 | 9·718 | 9·728 | 9·736 | 9·634 |
| 26 | 9·736 | 9·726 | 9·722 | 9·712 | 9·708 | 9·708 | 9·718 | 9·720 | 9·726 | 9·726 | 9·726 | 9·727 | 9·717 | 9·713 | 9·683 | 9

## FALMOUTH. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. AUGUST, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 32 | 7 | 31 | 9 | 31 | 8 | 31 | 6 | 31 | 4 | 31 | 4 | 1 | 5 | 1 | 4 | 11 | 4 | 11 | 4 | — | 3 | 14 | 4 |
| 2 | 32 | 6 | — | 3 | 32 | 4 | 32 | 4 | — | 2 | — | 3 | 2 | 4 | 6 | 5 | 6 | 5 | 8 | 4 | 11 | 4 | 10 | 6 |
| 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 12 | 4 |
| 4 | 32 | 6 | 32 | 7 | 32 | 7 | 32 | 8 | 32 | 7 | 32 | 7 | 32 | 7 | 32 | 6 | 32 | 5 | 32 | 6 | 31 | 7 | 30 | 8 |
| 5 | 29 | 6 | 29 | 7 | 29 | 7 | 29 | 6 | 30 | 8 | 30 | 10 | 31 | 10 | 30 | 10 | 30 | 13 | 31 | 13 | 31 | 19 | 31 | 18 |
| 6 | 32 | 10 | 32 | 10 | 32 | 9 | 32 | 10 | 32 | 9 | 32 | 10 | 32 | 10 | 32 | 10 | 32 | 12 | 1 | 12 | 32 | 15 | 32 | 15 |
| 7 | 32 | 7 | 32 | 4 | 32 | 4 | — | 3 | 32 | 4 | 32 | 4 | 32 | 5 | 31 | 7 | 32 | 8 | 32 | 9 | 30 | 9 | 29 | 8 |
| 8 | 31 | 9 | 31 | 8 | 31 | 10 | 31 | 9 | 31 | 10 | 31 | 10 | 31 | 10 | 31 | 7 | 31 | 6 | 30 | 5 | 29 | 6 | 30 | 7 |
| 9 | — | 3 | — | 3 | — | 2 | 30 | 4 | 30 | 4 | 30 | 5 | 30 | 4 | 30 | 5 | 30 | 4 | 30 | 5 | — | 3 | — | 2 |
| 10 | — | 2 | — | 2 | 27 | 4 | 26 | 4 | — | 3 | — | 2 | — | 2 | 21 | 9 | 22 | 10 | 21 | 11 | 23 | 12 | 22 | 13 |
| 11 | 30 | 5 | 30 | 6 | 30 | 4 | 29 | 4 | — | 3 | — | 3 | 30 | 7 | 31 | 10 | 31 | 10 | 31 | 10 | 30 | 11 | 30 | 11 |
| 12 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | 9 | 4 | 10 | 4 | 11 | 6 | 12 | 5 |
| 13 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 3 | 31 | 5 | 32 | 7 | 32 | 9 | 31 | 8 |
| 14 | 29 | 4 | 29 | 4 | 29 | 4 | 29 | 4 | 29 | 4 | 29 | 4 | — | 2 | 29 | 4 | 29 | 4 | 31 | 7 | 30 | 7 | 30 | 7 |
| 15 | 30 | 4 | 30 | 4 | 30 | 4 | — | 3 | 30 | 4 | — | 2 | — | 3 | 30 | 4 | 9 | 4 | 10 | 7 | 9 | 6 | 9 | 6 |
| 16 | — | 3 | — | 3 | 9 | 6 | 9 | 6 | 9 | 9 | 9 | 5 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 11 | 9 | 11 |
| 17 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | 7 | 5 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 9 | 8 | 10 | 7 | 10 | 10 |
| 18 | 6 | 7 | 6 | 6 | 6 | 4 | 6 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 12 | 9 | 12 | 9 | 12 |
| 19 | 9 | 5 | 8 | 5 | 8 | 5 | 8 | 7 | 8 | 7 | 8 | 10 | 8 | 7 | 8 | 8 | 7 | 9 | 7 | 10 | 6 | 10 | 6 | 11 |
| 20 | 8 | 10 | 6 | 8 | 6 | 10 | 5 | 12 | 5 | 13 | 5 | 11 | 5 | 10 | 7 | 12 | 8 | 12 | 10 | 12 | 10 | 9 | 12 | 10 |
| 21 | 17 | 8 | 16 | 9 | 16 | 9 | 15 | 7 | 15 | 10 | 15 | 10 | 15 | 10 | 17 | 12 | 17 | 10 | 16 | 10 | 16 | 10 | 15 | 11 |
| 22 | 30 | 13 | 29 | 12 | 30 | 11 | 29 | 9 | 30 | 9 | 30 | 8 | 30 | 8 | 30 | 10 | 30 | 10 | 30 | 12 | 30 | 12 | 28 | 10 |
| 23 | 24 | 9 | 24 | 9 | 23 | 9 | 22 | 12 | 22 | 15 | 22 | 16 | 23 | 17 | 23 | 15 | 23 | 15 | 23 | 15 | 22 | 23 | 22 | 23 |
| 24 | 21 | 19 | 21 | 17 | 24 | 10 | 24 | 8 | 24 | 10 | 23 | 9 | 23 | 8 | 24 | 10 | 24 | 10 | 24 | 10 | 23 | 10 | 22 | 13 |
| 25 | 22 | 18 | 22 | 12 | 22 | 10 | 23 | 10 | 22 | 7 | 21 | 11 | 21 | 12 | 22 | 14 | 21 | 18 | 22 | 15 | 25 | 15 | 25 | 15 |
| 26 | 23 | 10 | 24 | 7 | 23 | 10 | 22 | 13 | 22 | 15 | 22 | 13 | 22 | 15 | 22 | 18 | 22 | 19 | 21 | 18 | 21 | 21 | 20 | 20 |
| 27 | 21 | 19 | 24 | 15 | 25 | 11 | 24 | 8 | 24 | 7 | 23 | 6 | 21 | 7 | 22 | 13 | 22 | 12 | 24 | 10 | 21 | 11 | 21 | 12 |
| 28 | 19 | 17 | 19 | 19 | 18 | 17 | 20 | 22 | 21 | 20 | 21 | 19 | 20 | 16 | 20 | 18 | 21 | 19 | 21 | 22 | 20 | 23 | 21 | 26 |
| 29 | 21 | 14 | 21 | 15 | 21 | 15 | 22 | 13 | 23 | 11 | 23 | 10 | 21 | 10 | 22 | 15 | 21 | 17 | 22 | 18 | 22 | 17 | 22 | 15 |
| 30 | 24 | 7 | 24 | 7 | 26 | 4 | 26 | 5 | 26 | 4 | 26 | 4 | 26 | 4 | 26 | 5 | 26 | 8 | 26 | 9 | 24 | 10 | 26 | 10 |
| 31 | 23 | 8 | 22 | 7 | 22 | 4 | 22 | 5 | 22 | 4 | 21 | 4 | 19 | 7 | 19 | 11 | 18 | 10 | 17 | 10 | 16 | 13 | 16 | 13 |
| Mean ... | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 9 | — | 9 | — | 10 | — | 11 | — | 11 |
| Mean, 1881–1905. | — | 7·2 | — | 7·3 | — | 7·0 | — | 7·0 | — | 7·0 | — | 7·0 | — | 7·7 | — | 8·9 | — | 10·1 | — | 10·9 | — | 11·7 | — | 11·8 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## FALMOUTH. TABLE IV.—Rainfall in Hundredths of English Inches. AUGUST, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | 02 | — | — | — | — | 02 | — | — | — | — | — | — | — | — | — | — | 04 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | 01 | 03 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 06 | 10 | 17 | |
| 20 | 05 | 06 | 05 | 07 | 12 | 23 | 08 | 02 | — | 11 | — | 03 | — | 04 | 01 | — | — | — | — | — | — | — | — | — | 87 |
| 21 | — | — | — | — | — | 01 | 08 | — | — | — | — | — | 14 | 08 | 01 | — | 01 | 02 | — | 02 | — | — | — | 01 | 38 |
| 22 | — | — | — | — | — | 02 | 05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 23 | — | — | — | — | 04 | 04 | 06 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 18 |
| 24 | 06 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 | 13 | |
| 25 | 19 | — | — | — | — | — | — | — | — | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 23 |
| 26 | — | 01 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 | 06 | 38 | 25 | 04 | 79 |
| 27 | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 28 | — | 03 | 15 | 15 | — | — | — | — | — | — | — | — | 06 | — | — | — | — | — | 03 | — | — | — | 02 | — | 44 |
| 29 | 02 | — | — | — | — | — | — | — | — | 01 | — | 06 | — | — | — | — | 03 | 03 | 03 | — | — | — | — | — | 18 |
| 30 | 01 | — | — | — | 01 | — | 01 | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 31 | — | — | — | 04 | — | — | — | — | — | — | — | 03 | 07 | 18 | 14 | 07 | 03 | — | — | — | — | — | — | — | 56 |
| Sum ... | 33 | 11 | 24 | 26 | 18 | 33 | 29 | 04 | 02 | 17 | 01 | 13 | 28 | 32 | 16 | 07 | 07 | 06 | 06 | 05 | 06 | 39 | 33 | 22 | 4·18 |
| Average 1871–1905. | ·147 | ·148 | ·169 | ·148 | ·158 | ·193 | ·134 | ·149 | ·164 | ·154 | ·149 | ·130 | ·125 | ·098 | ·124 | ·109 | ·123 | ·144 | ·157 | ·148 | ·143 | ·155 | ·147 | ·151 | 3·467 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## FALMOUTH. TABLE V.—Duration of Bright Sunshine in Hours. AUGUST, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | 14·0 | Very fine day. |
| 2 | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | 13·7 | Fine and bright. |
| 3 | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | 13·7 | Warm, sunny, day; D at night. |
| 4 | — | — | — | — | ·9 | 1·0 | ·7 | ·5 | — | — | — | — | — | — | — | — | — | 3·1 | Fair to cloudy and overcast. |
| 5 | — | — | — | — | — | — | ·1 | ·2 | ·5 | ·2 | ·4 | ·2 | ·1 | ·9 | ·7 | ·1 | — | 3·4 | Cloudy and gusty; sunshine intermittent. |
| 6 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·8 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | ·1 | — | — | 11·9 | Fine. |
| 7 | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | 13·0 | Bright sunny day. |
| 8 | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·8 | 1·0 | ·4 | — | 13·6 | Very fine day. |
| 9 | — | ·2 | 1·0 | 1·0 | ·8 | ·8 | ·5 | ·2 | — | — | — | — | — | — | ·2 | ·2 | — | 4·9 | A.M. bright to cloudy; P.M. overcast. |
| 10 | — | — | — | ·1 | — | ·1 | ·1 | — | ·7 | ·2 | — | ·8 | 1·0 | 1·0 | 1·0 | ·3 | — | 5·3 | Cloudy, with passing ● showers; fine |
| 11 | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·2 | — | — | 11·9 | Fine. [evening. |
| 12 | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·9 | ·3 | — | — | ·5 | 1·0 | ·2 | — | — | 10·1 | Bright to cloudy. |
| 13 | — | ·2 | 1·0 | ·3 | ·4 | ·3 | ·6 | ·8 | ·2 | ·2 | ·9 | 1·0 | 1·0 | ·6 | — | — | — | 7·5 | Fair. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 15 | — | — | — | — | — | — | — | — | — | — | ·8 | ·5 | — | — | — | — | — | 1·3 | ●0 early; overcast to cloudy. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day, with ●0 about 20h. |
| 17 | — | — | — | — | — | ·9 | ·9 | ·8 | 1·0 | ·6 | 1·0 | ·5 | — | ·4 | ·1 | — | — | 6·2 | Fair. |
| 18 | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | 12·7 | Fine. |
| 19 | — | — | ·2 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·5 | — | — | 11·4 | Cloudy at first, then fine and bright. |
| 20 | — | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | ·2 | ·6 | ·2 | ·8 | ·8 | 1·0 | ·5 | — | — | 7·4 | Somewhat cloudy during day; ● after 22h. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | 1·0 | — | — | — | 1·0 | Dull day, with ●2 A.M. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | 0·1 | Overcast all day; ● frequent. |
| 23 | — | — | — | — | — | ·2 | ·8 | ·6 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | ·3 | — | — | — | 6·7 | A.M. overcast with ● showers early; P.M. |
| 24 | — | — | — | — | — | — | ·2 | ·3 | ·5 | 1·0 | 1·0 | ·3 | ·1 | — | — | — | — | 3·4 | ● early, then fair, but squally. [sunny. |
| 25 | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | ·5 | ·5 | ·3 | — | — | — | 9·9 | ● till 3h., then fine. |
| 26 | — | — | — | ·6 | ·8 | ·8 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | ·6 | — | — | — | 9·2 | ●2 at 1h., but day generally fine. |
| 27 | — | — | — | — | ·1 | ·1 | ·5 | ·5 | ·8 | ·4 | ·2 | — | — | — | — | — | — | 2·6 | A.M. fair; P.M. squally, with ●2 |
| 28 | — | — | 1·0 | 1·0 | — | — | ·3 | ·1 | ·5 | 1·0 | 1·0 | 1·0 | ·2 | ·2 | ·6 | — | — | 6·9 | Showery to fine. |
| 29 | — | — | — | — | — | ·9 | 1·0 | 1·0 | ·8 | ·4 | 1·0 | 1·0 | ·8 | ·2 | — | — | — | 8·1 | ●2 2h.–4h., with ⊤, ≺; then brightening, [but squally. |
| 30 | — | — | ·8 | ·5 | 1·0 | ·7 | ·9 | ·5 | ·8 | 1·0 | ·7 | ·6 | ·9 | ·2 | — | — | — | 8·6 | Bright squally day, with passing ● |
| 31 | — | — | ·7 | ·6 | ·8 | ·8 | 1·0 | ·6 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·8 | ·6 | — | — | 10·8 | Fine. [showers. |
| | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | ·3 | ·1 | — | — | 0·5 | Overcast and stormy; ●2 12h.–17h. |
| | — | 3·9 | 14·0 | 15·1 | 16·0 | 18·6 | 20·1 | 18·6 | 19·7 | 19·4 | 19·7 | 18·8 | 17·3 | 17·1 | 11·8 | 2·8 | — | 232·9 | Total. |
| | — | 1·18 | 9·37 | 14·03 | 15·73 | 17·14 | 17·47 | 17·90 | 18·55 | 18·37 | 18·58 | 17·44 | 16·62 | 15·62 | 11·09 | 1·57 | — | 210·64 | Mean Total, 1881-1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. AUGUST, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 55·9 | 56·0 | 56·0 | 56·0 | 54·6 | 54·0 | 55·0 | 58·1 | 61·1 | 64·7 | 64·4 | 65·3 | 65·4 | 66·1 | 67·1 | 68·0 | 68·0 | 67·3 | 65·7 | 63·9 | 61·1 | 59·1 | 58·0 | 58·0 | 57·8 | 61·2 |
| 2 | 57·8 | 58·0 | 57·1 | 57·0 | 56·3 | 56·8 | 57·8 | 60·0 | 63·0 | 64·2 | 65·0 | 65·9 | 68·0 | 68·0 | 67·5 | 67·2 | 66·1 | 66·1 | 65·8 | 64·7 | 63·0 | 62·0 | 58·0 | 58·9 | 57·8 | 62·3 |
| 3 | 57·8 | 57·2 | 56·9 | 56·8 | 56·0 | 55·2 | 56·0 | 58·7 | 61·9 | 65·6 | 66·4 | 67·1 | 67·6 | 67·6 | 68·1 | 70·0 | 71·1 | 70·2 | 69·0 | 64·4 | 60·2 | 59·8 | 59·2 | 59·0 | 58·4 | 62·6 |
| 4 | 58·4 | 58·0 | 57·5 | 57·2 | 56·6 | 56·8 | 56·3 | 56·9 | 58·2 | 61·0 | 65·2 | 66·5 | 63·9 | 66·0 | 67·5 | 65·3 | 64·4 | 65·9 | 63·9 | 63·6 | 62·9 | 60·9 | 60·2 | 60·1 | 60·0 | 61·5 |
| 5 | 60·0 | 60·1 | 60·7 | 60·1 | 60·2 | 60·0 | 60·0 | 59·6 | 58·6 | 59·0 | 57·7 | 58·1 | 58·9 | 59·9 | 60·7 | 59·8 | 59·0 | 60·0 | 59·4 | 59·0 | 58·0 | 57·4 | 57·2 | 57·0 | 56·9 | 59·1 |
| 6 | 56·9 | 57·9 | 58·0 | 57·5 | 56·7 | 56·3 | 56·5 | 59·0 | 61·1 | 61·9 | 62·4 | 64·1 | 64·1 | 64·2 | 65·0 | 65·1 | 65·3 | 65·0 | 63·3 | 61·1 | 60·0 | 59·0 | 58·3 | 58·0 | 58·0 | 60·7 |
| 7 | 58·0 | 57·0 | 56·1 | 55·8 | 55·0 | 54·4 | 55·1 | 57·1 | 60·3 | 63·0 | 64·9 | 67·0 | 67·0 | 67·7 | 67·2 | 65·3 | 63·4 | 62·9 | 61·3 | 60·0 | 59·0 | 59·8 | 59·2 | 58·1 | 58·0 | 60·6 |
| 8 | 58·0 | 58·0 | 57·8 | 57·9 | 57·2 | 57·9 | 58·0 | 59·0 | 60·3 | 63·0 | 64·0 | 65·0 | 65·3 | 65·9 | 66·3 | 66·1 | 65·3 | 65·2 | 63·9 | 62·0 | 59·2 | 58·1 | 57·3 | 56·9 | 56·6 | 61·1 |
| 9 | 56·6 | 56·2 | 56·1 | 55·8 | 56·3 | 56·0 | 57·1 | 60·0 | 62·0 | 63·6 | 64·4 | 65·9 | 66·3 | 66·0 | 65·6 | 67·2 | 66·9 | 66·0 | 64·4 | 63·9 | 61·0 | 60·0 | 57·6 | 56·0 | 55·2 | 61·3 |
| 10 | 55·2 | 54·9 | 54·5 | 57·0 | 57·0 | 57·8 | 57·7 | 59·1 | 61·0 | 61·0 | 63·4 | 64·4 | 63·0 | 66·0 | 66·0 | 63·1 | 61·6 | 62·2 | 62·0 | 61·1 | 60·0 | 58·0 | 56·2 | 56·1 | 56·2 | 59·5 |
| 11 | 56·0 | 55·3 | 55·1 | 52·9 | 54·0 | 52·3 | 53·2 | 57·0 | 58·2 | 58·3 | 59·3 | 60·1 | 60·9 | 60·9 | 61·4 | 61·0 | 60·9 | 60·3 | 59·7 | 58·7 | 56·3 | 54·6 | 53·0 | 53·9 | 53·0 | 57·2 |
| 12 | 53·0 | 53·4 | 53·4 | 54·0 | 53·3 | 53·0 | 52·2 | 55·0 | 58·2 | 61·0 | 60·8 | 62·2 | 63·4 | 65·7 | 64·6 | 64·1 | 63·2 | 62·1 | 61·8 | 60·0 | 56·3 | 54·8 | 53·3 | 53·1 | 53·0 | 58·0 |
| 13 | 53·0 | 52·4 | 51·8 | 51·0 | 51·1 | 52·0 | 52·3 | 54·8 | 57·8 | 60·1 | 61·7 | 62·0 | 63·0 | 62·7 | 61·8 | 62·2 | 62·2 | 61·9 | 60·0 | 59·2 | 59·0 | 59·6 | 59·3 | 58·2 | 58·3 | 58·0 |
| 14 | 58·3 | 59·9 | 60·3 | 60·8 | 60·4 | 60·3 | 60·0 | 60·8 | 61·6 | 63·0 | 63·1 | 64·7 | 65·2 | 65·8 | 67·0 | 67·0 | 64·0 | 63·1 | 62·3 | 61·4 | 60·3 | 59·0 | 58·1 | 57·1 | 56·0 | 61·8 |
| 15 | 56·0 | 55·3 | 55·9 | 56·9 | 57·0 | 57·3 | 57·7 | 58·7 | 60·4 | 61·0 | 61·0 | 61·6 | 60·9 | 61·0 | 61·0 | 60·9 | 60·3 | 60·0 | 59·2 | 58·8 | 58·8 | 58·4 | 58·7 | 58·1 | 59·1 |
| 16 | 58·1 | 58·0 | 57·2 | 57·9 | 57·9 | 58·4 | 58·0 | 58·3 | 59·6 | 60·1 | 62·0 | 63·7 | 63·2 | 64·0 | 64·0 | 64·0 | 62·9 | 62·8 | 61·7 | 61·0 | 59·7 | 59·1 | 58·8 | 58·6 | 58·0 | 60·3 |
| 17 | 58·0 | 58·0 | 57·8 | 57·8 | 57·8 | 57·6 | 59·0 | 60·3 | 62·0 | 62·2 | 63·8 | 64·1 | 64·1 | 64·0 | 63·9 | 64·0 | 63·8 | 63·9 | 63·0 | 61·0 | 59·8 | 59·2 | 58·9 | 59·0 | 58·9 | 60·7 |
| 18 | 58·9 | 58·8 | 58·3 | 58·1 | 58·0 | 58·2 | 58·3 | 59·2 | 61·0 | 62·7 | 62·7 | 64·0 | 63·4 | 63·4 | 63·2 | 63·0 | 62·0 | 62·1 | 61·0 | 60·0 | 59·0 | 59·0 | 58·6 | 59·0 | 58·7 | 60·5 |
| 19 | 58·7 | 58·3 | 58·1 | 58·0 | 58·6 | 58·8 | 59·0 | 59·3 | 60·0 | 62·2 | 62·5 | 64·7 | 64·0 | 64·8 | 63·0 | 63·9 | 64·0 | 63·9 | 62·9 | 61·9 | 61·0 | 60·4 | 60·6 | 60·0 | 59·0 | 61·2 |
| 20 | 59·0 | 59·0 | 59·0 | 58·8 | 58·3 | 58·0 | 58·0 | 58·7 | 59·0 | 59·3 | 59·4 | 60·1 | 60·2 | 61·0 | 60·4 | 60·6 | 61·3 | 62·6 | 60·9 | 59·2 | 59·3 | 59·0 | 58·9 | 58·7 | 57·9 | 59·5 |
| 21 | 57·9 | 57·8 | 57·6 | 57·7 | 58·0 | 58·0 | 58·0 | 57·3 | 57·2 | 58·0 | 58·3 | 59·8 | 59·1 | 58·7 | 59·0 | 60·1 | 61·0 | 60·7 | 60·1 | 59·0 | 59·3 | 59·0 | 58·8 | 58·7 | 58·6 | 58·7 |
| 22 | 58·6 | 58·3 | 58·7 | 58·7 | 58·8 | 58·0 | 57·8 | 57·6 | 57·1 | 57·0 | 59·0 | 60·1 | 60·7 | 61·0 | 62·4 | 63·8 | 61·3 | 61·4 | 60·3 | 59·1 | 58·2 | 57·9 | 57·3 | 57·9 | 57·9 | 59·1 |
| 23 | 57·9 | 57·8 | 57·3 | 57·3 | 56·3 | 56·3 | 56·9 | 57·0 | 58·8 | 59·0 | 60·3 | 62·0 | 61·9 | 64·1 | 64·2 | 63·9 | 63·0 | 62·9 | 62·0 | 61·1 | 61·0 | 61·0 | 60·0 | 60·9 | 60·3 | 60·2 |
| 24 | 60·3 | 60·3 | 60·6 | 60·8 | 59·2 | 58·6 | 57·6 | 59·1 | 60·0 | 62·0 | 63·6 | 65·0 | 65·2 | 64·7 | 64·6 | 63·8 | 63·3 | 63·3 | 63·0 | 62·0 | 61·0 | 61·0 | 61·0 | 61·0 | 61·0 | 61·7 |
| 25 | 61·0 | 58·1 | 59·0 | 58·1 | 56·0 | 55·9 | 56·4 | 58·4 | 60·0 | 61·0 | 62·8 | 61·9 | 63·0 | 64·1 | 63·7 | 63·1 | 62·1 | 62·0 | 60·4 | 58·9 | 57·1 | 57·1 | 57·8 | 57·2 | 57·6 | 59·8 |
| 26 | 57·6 | 58·6 | 57·6 | 58·8 | 59·0 | 60·0 | 60·0 | 60·1 | 61·3 | 62·4 | 62·7 | 64·2 | 64·5 | 65·1 | 65·1 | 64·8 | 63·8 | 62·6 | 62·0 | 61·8 | 61·9 | 61·3 | 61·0 | 60·8 | 60·9 | 61·4 |
| 27 | 61·4 | 61·1 | 59·0 | 57·0 | 56·0 | 55·1 | 55·0 | 57·4 | 59·7 | 60·7 | 58·3 | 61·7 | 62·1 | 61·0 | 63·2 | 63·0 | 62·0 | 61·1 | 60·3 | 58·3 | 57·7 | 56·8 | 56·3 | 57·0 | 57·8 | 59·1 |
| 28 | 57·8 | 58·1 | 58·0 | 57·8 | 58·0 | 58·7 | 58·8 | 59·6 | 60·2 | 60·1 | 61·2 | 62·3 | 62·2 | 58·0 | 60·2 | 61·3 | 61·4 | 60·8 | 59·7 | 56·3 | 56·3 | 56·1 | 57·2 | 56·0 | 56·6 | 59·0 |
| 29 | 56·6 | 56·0 | 56·3 | 56·2 | 55·1 | 54·5 | 54·8 | 56·6 | 57·1 | 59·3 | 56·1 | 60·5 | 57·9 | 61·0 | 61·7 | 60·5 | 60·7 | 57·1 | 56·9 | 54·7 | 53·5 | 53·5 | 53·7 | 53·1 | 53·8 | 56·8 |
| 30 | 53·8 | 53·1 | 52·7 | 52·9 | 53·1 | 53·1 | 52·8 | 54·8 | 56·0 | 58·1 | 58·6 | 59·8 | 58·9 | 60·7 | 61·0 | 60·5 | 60·6 | 58·9 | 57·2 | 55·6 | 54·1 | 53·1 | 52·9 | 52·0 | 53·4 | 56·0 |
| 31 | 53·4 | 52·1 | 53·2 | 53·5 | 53·0 | 53·1 | 52·4 | 54·4 | 55·9 | 56·0 | 57·0 | 58·0 | 57·0 | 56·2 | 55·8 | 56·1 | 56·9 | 59·0 | 57·1 | 54·7 | 54·8 | 55·0 | 54·7 | 54·0 | 54·0 | 55·2 |
| Mean ... | 57·4 | 57·2 | 57·0 | 57·0 | 56·6 | 56·5 | 56·7 | 58·1 | 59·6 | 61·0 | 61·6 | 63·0 | 62·9 | 63·4 | 63·4 | 63·5 | 63·0 | 62·7 | 61·6 | 60·2 | 58·9 | 58·3 | 57·8 | 57·5 | 57·4 | 59·8 |
| Mean, 1871–1905. | 57·6 | 57·5 | 57·2 | 57·1 | 56·9 | 56·9 | 57·1 | 58·7 | 60·2 | 61·6 | 62·4 | 63·2 | 63·5 | 64·0 | 63·9 | 63·8 | 63·2 | 62·7 | 61·6 | 60·4 | 59·2 | 58·5 | 58·1 | 57·8 | 57·6 | 60·1 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). AUGUST, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 86 | 86 | 85 | 82 | 86 | 86 | 86 | 85 | 77 | 71 | 68 | 70 | 68 | 66 | 64 | 64 | 60 | 62 | 63 | 67 | 69 | 78 | 85 | 87 | 88 | 90 | 75·2 |
| 2 | 90 | 89 | 91 | 89 | 90 | 88 | 87 | 83 | 74 | 69 | 69 | 70 | 61 | 63 | 70 | 72 | 76 | 72 | 71 | 69 | 71 | 72 | 81 | 78 | 81 | 76·7 |
| 3 | 81 | 84 | 87 | 88 | 89 | 92 | 91 | 84 | 69 | 65 | 67 | 68 | 67 | 66 | 65 | 60 | 55 | 59 | 69 | 82 | 87 | 93 | 94 | 95 | 98 | 77·8 |
| 4 | 98 | 99 | 97 | 99 | 98 | 98 | 99 | 98 | 98 | 84 | 78 | 75 | 78 | 75 | 75 | 67 | 82 | 80 | 73 | 82 | 81 | 74 | 77 | 88 | 89 | 93 | 86·4 |
| 5 | 93 | 92 | 91 | 92 | 88 | 87 | 83 | 81 | 75 | 71 | 79 | 76 | 72 | 66 | 65 | 67 | 70 | 68 | 71 | 73 | 76 | 80 | 81 | 83 | 82 | 78·1 |
| 6 | 82 | 80 | 78 | 79 | 85 | 86 | 82 | 76 | 71 | 65 | 65 | 63 | 63 | 62 | 53 | 55 | 57 | 58 | 64 | 78 | 83 | 87 | 89 | 87 | 88 | 73·0 |
| 7 | 88 | 91 | 92 | 94 | 93 | 97 | 95 | 93 | 87 | 77 | 69 | 65 | 68 | 65 | 67 | 71 | 70 | 74 | 76 | 82 | 88 | 87 | 92 | 91 | 90 | 82·2 |
| 8 | 90 | 88 | 88 | 88 | 89 | 97 | 86 | 83 | 82 | 80 | 73 | 73 | 73 | 71 | 71 | 72 | 63 | 68 | 67 | 70 | 77 | 88 | 91 | 91 | 90 | 79·7 |
| 9 | 90 | 92 | 92 | 93 | 92 | 94 | 92 | 88 | 78 | 74 | 65 | 62 | 72 | 69 | 68 | 63 | 64 | 66 | 69 | 72 | 82 | 83 | 89 | 91 | 92 | 79·2 |
| 10 | 92 | 94 | 96 | 93 | 93 | 90 | 95 | 93 | 85 | 93 | 82 | 75 | 81 | 73 | 92 | 69 | 60 | 62 | 64 | 62 | 69 | 74 | 69 | 70 | 67 | 79·7 |
| 11 | 67 | 72 | 71 | 81 | 79 | 84 | 86 | 69 | 65 | 62 | 60 | 58 | 54 | 54 | 56 | 55 | 54 | 61 | 63 | 67 | 78 | 83 | 85 | 86 | 87 | 69·2 |
| 12 | 87 | 90 | 90 | 92 | 94 | 91 | 86 | 76 | 73 | 75 | 71 | 70 | 67 | 65 | 71 | 58 | 58 | 59 | 64 | 74 | 80 | 84 | 85 | 84 | 82 | 76·6 |
| 13 | 84 | 84 | 82 | 84 | 84 | 83 | 83 | 79 | 77 | 73 | 60 | 61 | 59 | 60 | 62 | 61 | 65 | 65 | 75 | 77 | 81 | 80 | 85 | 91 | 91 | 74·9 |
| 14 | 91 | 93 | 93 | 93 | 95 | 97 | 95 | 95 | 90 | 88 | 85 | 79 | 76 | 71 | 68 | 68 | 72 | 75 | 77 | 82 | 86 | 89 | 89 | 90 | 91 | 84·9 |
| 15 | 91 | 91 | 89 | 87 | 88 | 90 | 89 | 88 | 87 | 83 | 83 | 84 | 85 | 84 | 86 | 87 | 87 | 87 | 85 | 86 | 89 | 89 | 87 | 88 | 85 | 86·9 |
| 16 | 85 | 84 | 87 | 82 | 84 | 85 | 86 | 87 | 84 | 83 | 79 | 78 | 77 | 77 | 81 | 78 | 72 | 73 | 73 | 77 | 82 | 81 | 81 | 79 | 85 | 80·7 |
| 17 | 85 | 85 | 83 | 83 | 83 | 82 | 85 | 82 | 81 | 77 | 73 | 68 | 72 | 67 | 59 | 56 | 60 | 52 | 64 | 68 | 76 | 75 | 76 | 76 | 77 | 73·2 |
| 18 | 72 | 73 | 74 | 75 | 77 | 80 | 81 | 83 | 80 | 75 | 72 | 67 | 70 | 74 | 72 | 71 | 72 | 73 | 77 | 77 | 77 | 78 | 77 | 81 | 79 | 75·5 |
| 19 | 79 | 84 | 85 | 85 | 85 | 87 | 89 | 88 | 88 | 82 | 77 | 74 | 73 | 74 | 77 | 74 | 74 | 72 | 73 | 73 | 78 | 81 | 81 | 83 | 90 | 80·1 |
| 20 | 90 | 93 | 94 | 95 | 92 | 94 | 95 | 96 | 96 | 97 | 97 | 98 | 98 | 96 | 97 | 97 | 97 | 95 | 93 | 95 | 94 | 93 | 92 | 88 | 88 | 94·6 |
| 21 | 88 | 89 | 89 | 90 | 89 | 88 | 90 | 93 | 94 | 92 | 91 | 89 | 93 | 95 | 96 | 97 | 94 | 94 | 95 | 94 | 94 | 94 | 92 | 92 | 92 | 92·3 |
| 22 | 92 | 91 | 89 | 88 | 89 | 88 | 88 | 93 | 94 | 92 | 81 | 77 | 72 | 68 | 65 | 69 | 70 | 75 | 75 | 79 | 82 | 79 | 84 | 84 | 84 | 81·7 |
| 23 | 84 | 85 | 87 | 90 | 92 | 93 | 94 | 94 | 91 | 92 | 90 | 82 | 84 | 79 | 79 | 77 | 82 | 83 | 87 | 89 | 89 | 92 | 91 | 92 | 96 | 87·5 |
| 24 | 96 | 97 | 97 | 96 | 94 | 91 | 94 | 91 | 83 | 78 | 69 | 69 | 73 | 74 | 76 | 79 | 80 | 82 | 84 | 88 | 88 | 89 | 90 | 90 | 90 | 85·2 |
| 25 | 90 | 97 | 94 | 90 | 88 | 91 | 90 | 86 | 81 | 82 | 76 | 77 | 71 | 69 | 66 | 67 | 71 | 72 | 74 | 77 | 84 | 84 | 83 | 85 | 83 | 80·9 |
| 26 | 83 | 84 | 95 | 95 | 94 | 93 | 93 | 94 | 93 | 92 | 88 | 82 | 81 | 81 | 83 | 84 | 87 | 88 | 91 | 94 | 95 | 95 | 95 | 97 | 98 | 90·0 |
| 27 | 98 | 95 | 94 | 86 | 85 | 90 | 89 | 91 | 84 | 83 | 89 | 83 | 81 | 82 | 64 | 64 | 69 | 77 | 77 | 84 | 91 | 85 | 87 | 90 | 87 | 86 | 85·7 |
| 28 | 86 | 87 | 89 | 94 | 93 | 88 | 90 | 89 | 89 | 87 | 76 | 77 | 76 | 78 | 75 | 66 | 76 | 72 | 67 | 84 | 83 | 80 | 81 | 87 | 81 | 82·0 |
| 29 | 81 | 87 | 84 | 86 | 81 | 85 | 78 | 79 | 76 | 74 | 80 | 67 | 77 | 66 | 61 | 69 | 63 | 81 | 78 | 87 | 87 | 88 | 88 | 90 | 87 | 79·0 |
| 30 | 87 | 88 | 89 | 91 | 91 | 92 | 88 | 88 | 85 | 80 | 75 | 69 | 76 | 68 | 65 | 63 | 65 | 66 | 70 | 76 | 78 | 81 | 82 | 86 | 84 | 79·0 |
| 31 | 84 | 86 | 85 | 87 | 88 | 94 | 91 | 92 | 87 | 87 | 88 | 89 | 91 | 93 | 94 | 98 | 95 | 98 | 84 | 76 | 73 | 75 | 73 | 74 | 74 | 86·5 |
| Mean ... | 86·8 | 88·1 | 88·3 | 88·5 | 88·5 | 89·3 | 88·9 | 87·0 | 82·9 | 79·7 | 76·8 | 74·0 | 74·5 | 72·6 | 72·3 | 71·4 | 71·8 | 72·9 | 74·8 | 78·6 | 82·2 | 83·8 | 85·4 | 86·3 | 86·4 | 81·0 |
| Mean, 1886–1905. | 89·4 | 89·6 | 89·9 | 90·2 | 90·3 | 90·7 | 90·5 | 87·5 | 83·6 | 79·3 | 76·7 | 75·3 | 74·0 | 73·2 | 73·1 | 73·3 | 74·4 | 75·7 | 78·0 | 82·0 | 85·9 | 87·8 | 88·3 | 89·0 | 89·6 | 82·8 |

[*Price Sixpence.*]

# KEW OBSERVATORY. AUGUST, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. AUGUST, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·304 | 0·223 | 69·2 | 49·0 | 9 | 0·094 | 9·968 | 75·4 | 54·6 | 17 | 0·142 | 0·083 | 68·9 | 48·3 | 25 | 9·773 | 9·654 | 68·4 | 56·0 |
| 2 | 0·372 | 0·270 | 70·4 | 51·0 | 10 | 0·005 | 9·826 | 71·0 | 52·0 | 18 | 0·177 | 0·130 | 62·9 | 54·4 | 26 | 9·817 | 9·592 | 67·9 | 53·9 |
| 3 | **0·374** | 0·231 | **79·7** | 50·3 | 11 | 0·219 | 0·005 | 65·8 | 47·5 | 19 | 0·180 | 0·111 | 65·3 | 55·4 | 27 | 9·675 | 9·446 | 67·9 | 55·5 |
| 4 | 0·237 | 9·963 | 76·7 | 58·7 | 12 | 0·249 | 0·092 | 64·0 | **46·2** | 20 | 0·113 | 9·777 | 64·0 | 56·1 | 28 | 9·644 | 9·436 | 63·3 | 54·0 |
| 5 | 9·963 | 9·773 | 62·3 | 56·1 | 13 | 0·092 | 9·854 | 62·9 | 51·6 | 21 | 9·785 | 9·749 | 71·9 | 58·0 | 29 | 9·787 | 9·554 | 64·7 | 54·2 |
| 6 | 0·078 | 9·860 | 67·1 | 57·2 | 14 | 9·988 | 9·867 | 65·9 | 54·0 | 22 | 9·916 | 9·749 | 69·0 | 55·4 | 30 | 9·955 | 0·787 | 66·3 | 48·9 |
| 7 | 0·185 | 0·076 | 73·1 | 55·7 | 15 | 0·095 | 9·981 | 69·1 | 50·3 | 23 | 9·904 | 9·756 | 56·7 | 53·6 | 31 | 9·954 | **9·352** | 60·8 | 47·3 |
| 8 | 0·190 | 0·088 | 69·4 | 54·9 | 16 | 0·112 | 0·067 | 70·2 | 49·9 | 24 | 9·840 | 9·767 | 72·0 | 53·4 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 67·8 | 52·9 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. AUGUST, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·202 | 0·294 | 0·289 | 0·288 | 0·286 | 0·288 | 0·293 | 0·304 | 0·294 | 0·279 | 0·278 | 0·284 | 0·272 | 0·261 | 0·250 | 0·244 | 0·234 | 0·220 | 0·225 | 0·233 | 0·243 | 0·252 | 0·260 | 0·263 | 0·270 | 0·268 |
| 2 | 0·270 | 0·274 | 0·279 | 0·282 | 0·289 | 0·304 | 0·318 | 0·320 | 0·336 | 0·344 | 0·349 | 0·343 | 0·344 | 0·345 | 0·339 | 0·335 | 0·334 | 0·335 | 0·338 | 0·345 | 0·360 | 0·364 | 0·367 | 0·368 | 0·369 | 0·331 |
| 3 | 0·369 | 0·371 | 0·371 | 0·371 | 0·371 | 0·369 | 0·368 | 0·364 | 0·359 | 0·357 | 0·346 | 0·336 | 0·316 | 0·305 | 0·285 | 0·274 | 0·255 | 0·241 | 0·230 | 0·245 | 0·244 | 0·237 | 0·233 | 0·237 | 0·308 | |
| 4 | 0·237 | 0·232 | 0·228 | 0·223 | 0·213 | 0·211 | 0·209 | 0·211 | 0·201 | 0·186 | 0·164 | 0·147 | 0·131 | 0·113 | 0·090 | 0·077 | 0·055 | 0·037 | 0·019 | 0·013 | 0·015 | 0·013 | 9·993 | 9·979 | 9·963 | 0·119 |
| 5 | 9·963 | 9·947 | 9·924 | 9·899 | 9·873 | 9·856 | 9·833 | 9·823 | 9·820 | 9·800 | 9·794 | 9·797 | 9·792 | 9·778 | 9·773 | 9·776 | 9·780 | 9·789 | 9·804 | 9·809 | 9·832 | 9·848 | 9·853 | 9·854 | 9·860 | 9·832 |
| 6 | 9·860 | 9·863 | 9·862 | 9·863 | 9·869 | 9·888 | 9·900 | 9·912 | 9·931 | 9·941 | 9·953 | 9·956 | 9·964 | 9·975 | 9·972 | 9·974 | 9·980 | 9·986 | 9·998 | 0·010 | 0·035 | 0·055 | 0·067 | 0·069 | 0·078 | 9·958 |
| 7 | 0·078 | 0·080 | 0·084 | 0·092 | 0·092 | 0·100 | 0·117 | 0·123 | 0·124 | 0·126 | 0·130 | 0·122 | 0·112 | 0·114 | 0·113 | 0·110 | 0·113 | 0·116 | 0·122 | 0·129 | 0·147 | 0·164 | 0·168 | 0·174 | 0·180 | 0·121 |
| 8 | 0·180 | 0·183 | 0·184 | 0·184 | 0·184 | 0·182 | 0·182 | 0·188 | 0·182 | 0·178 | 0·181 | 0·178 | 0·169 | 0·156 | 0·142 | 0·132 | 0·118 | 0·116 | 0·104 | 0·102 | 0·108 | 0·106 | 0·102 | 0·088 | 0·094 | 0·149 |
| 9 | 0·094 | 0·084 | 0·086 | 0·078 | 0·080 | 0·082 | 0·085 | 0·090 | 0·092 | 0·089 | 0·079 | 0·075 | 0·064 | 0·054 | 0·043 | 0·030 | 0·014 | 0·002 | 9·990 | 9·986 | 9·994 | 9·998 | 9·991 | 9·980 | 9·968 | 0·046 |
| 10 | 9·968 | 9·961 | 9·944 | 9·927 | 9·916 | 9·906 | 9·912 | 9·911 | 9·898 | 9·890 | 9·872 | 9·859 | 9·844 | 9·841 | 9·845 | 9·837 | 9·832 | 9·831 | 9·853 | 9·895 | 9·926 | 9·940 | 9·968 | 9·987 | 0·005 | 9·899 |
| 11 | 0·005 | 0·010 | 0·029 | 0·036 | 0·048 | 0·071 | 0·093 | 0·105 | 0·113 | 0·122 | 0·130 | 0·130 | 0·135 | 0·130 | 0·119 | 0·116 | 0·116 | 0·123 | 0·136 | 0·162 | 0·191 | 0·205 | 0·209 | 0·211 | 0·217 | 0·119 |
| 12 | 0·217 | 0·215 | 0·219 | 0·218 | 0·217 | 0·223 | 0·241 | 0·247 | 0·247 | 0·237 | 0·229 | 0·219 | 0·208 | 0·190 | 0·170 | 0·162 | 0·145 | 0·137 | 0·134 | 0·131 | 0·127 | 0·121 | 0·111 | 0·107 | 0·092 | 0·184 |
| 13 | 0·092 | 0·086 | 0·065 | 0·059 | 0·051 | 0·041 | 0·036 | 0·022 | 0·001 | 9·985 | 9·966 | 9·951 | 9·926 | 9·909 | 9·896 | 9·885 | 9·884 | 9·871 | 9·868 | 9·859 | 9·857 | 9·859 | 9·865 | 9·867 | 9·869 | 9·950 |
| 14 | 9·869 | 9·873 | 9·875 | 9·873 | 9·877 | 9·890 | 9·900 | 9·911 | 9·900 | 9·896 | 9·899 | 9·898 | 9·894 | 9·894 | 9·899 | 9·906 | 9·913 | 9·918 | 9·926 | 9·938 | 9·947 | 9·962 | 9·973 | 9·981 | 9·983 | 9·911 |
| 15 | 9·983 | 9·986 | 9·994 | 9·995 | 0·004 | 0·006 | 0·022 | 0·028 | 0·042 | 0·035 | 0·032 | 0·034 | 0·037 | 0·027 | 0·035 | 0·033 | 0·037 | 0·040 | 0·049 | 0·054 | 0·068 | 0·082 | 0·091 | 0·090 | 0·092 | 0·036 |
| 16 | 0·092 | 0·092 | 0·089 | 0·093 | 0·092 | 0·094 | 0·088 | 0·104 | 0·107 | 0·104 | 0·102 | 0·095 | 0·087 | 0·090 | 0·084 | 0·079 | 0·072 | 0·067 | 0·068 | 0·073 | 0·089 | 0·100 | 0·100 | 0·100 | 0·100 | 0·092 |
| 17 | 0·109 | 0·109 | 0·103 | 0·105 | 0·103 | 0·105 | 0·119 | 0·124 | 0·131 | 0·131 | 0·129 | 0·130 | 0·117 | 0·109 | 0·103 | 0·095 | 0·085 | 0·086 | 0·085 | 0·093 | 0·105 | 0·109 | 0·124 | 0·136 | 0·138 | 0·111 |
| 18 | 0·138 | 0·132 | 0·135 | 0·139 | 0·136 | 0·135 | 0·136 | 0·143 | 0·152 | 0·159 | 0·159 | 0·159 | 0·157 | 0·161 | 0·154 | 0·146 | 0·140 | 0·135 | 0·133 | 0·140 | 0·151 | 0·160 | 0·172 | 0·177 | 0·173 | 0·149 |
| 19 | 0·173 | 0·171 | 0·164 | 0·163 | 0·157 | 0·164 | 0·171 | 0·174 | 0·176 | 0·180 | 0·180 | 0·175 | 0·163 | 0·162 | 0·149 | 0·142 | 0·133 | 0·128 | 0·113 | 0·118 | 0·125 | 0·122 | 0·119 | 0·117 | 0·111 | 0·150 |
| 20 | 0·111 | 0·098 | 0·084 | 0·070 | 0·052 | 0·040 | 0·028 | 0·014 | 0·002 | 9·981 | 9·964 | 9·958 | 9·938 | 9·912 | 9·901 | 9·889 | 9·868 | 9·859 | 9·845 | 9·833 | 9·821 | 9·813 | 9·808 | 9·791 | 9·777 | 9·938 |
| 21 | 9·777 | 9·765 | 9·763 | 9·763 | 9·754 | 9·757 | 9·763 | 9·763 | 9·769 | 9·777 | 9·773 | 9·774 | 9·779 | 9·780 | 9·783 | 9·769 | 9·767 | 9·762 | 9·764 | 9·771 | 9·764 | 9·768 | 9·777 | 9·777 | 9·769 | 9·769 |
| 22 | 9·769 | 9·761 | 9·758 | 9·759 | 9·751 | 9·757 | 9·756 | 9·761 | 9·761 | 9·765 | 9·766 | 9·760 | 9·762 | 9·773 | 9·783 | 9·803 | 9·820 | 9·833 | 9·847 | 9·863 | 9·891 | 9·897 | 9·914 | 9·909 | 9·900 | 9·804 |
| 23 | 9·900 | 9·900 | 9·893 | 9·881 | 9·877 | 9·875 | 9·865 | 9·869 | 9·863 | 9·861 | 9·834 | 9·801 | 9·762 | 9·772 | 9·774 | 9·774 | 9·772 | 9·766 | 9·781 | 9·797 | 9·817 | 9·821 | 9·832 | 9·833 | 9·836 | 9·829 |
| 24 | 9·836 | 9·824 | 9·795 | 9·781 | 9·767 | 9·774 | 9·786 | 9·806 | 9·820 | 9·823 | 9·832 | 9·834 | 9·835 | 9·829 | 9·827 | 9·827 | 9·821 | 9·821 | 9·824 | 9·823 | 9·829 | 9·822 | 9·813 | 9·795 | 9·773 | 9·813 |
| 25 | 9·773 | 9·745 | 9·713 | 9·689 | 9·663 | 9·654 | 9·661 | 9·661 | 9·671 | 9·678 | 9·676 | 9·668 | 9·662 | 9·661 | 9·661 | 9·663 |

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 3 | — | 2 | — | 1 | — | 1 | — | 2 | — | 3 | — | 3 | 28 | 4 | 29 | 9 | 29 | 10 | 30 | 7 | 30 | 8 |
| 2 | — | 2 | — | 2 | — | 1 | — | 0 | — | 0 | — | 1 | — | 1 | — | 3 | 2 | 7 | 1 | 7 | 32 | 10 | 32 | 9 |
| 3 | — | 2 | — | 0 | — | 0 | — | 1 | — | 2 | — | 2 | — | 3 | — | 3 | 31 | 4 | — | 3 | 27 | 4 | 27 | 4 |
| 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 21 | 4 | 25 | 5 | 23 | 5 | 23 | 7 |
| 5 | 26 | 4 | 25 | 5 | 25 | 4 | 25 | 4 | 25 | 4 | 25 | 6 | 29 | 11 | 30 | 10 | 30 | 12 | 28 | 12 | 30 | 9 | 30 | 9 |
| 6 | 32 | 12 | 32 | 11 | 32 | 10 | 32 | 12 | 32 | 14 | 1 | 12 | 32 | 15 | 32 | 14 | 32 | 16 | 32 | 15 | 32 | 15 | 32 | 15 |
| 7 | 32 | 10 | 1 | 7 | 32 | 9 | 1 | 10 | 32 | 8 | 32 | 7 | 32 | 7 | 32 | 8 | 32 | 6 | 30 | 7 | 31 | 8 | 31 | 8 |
| 8 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | 29 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | — | 3 |
| 9 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 3 | — | 3 | 32 | 4 | — | 3 | 27 | 4 |
| 10 | 28 | 4 | 23 | 4 | 23 | 4 | — | 2 | — | 3 | 23 | 4 | 23 | 4 | 19 | 7 | 19 | 10 | 19 | 10 | 19 | 11 | 19 | 13 |
| 11 | 25 | 4 | 25 | 4 | — | 2 | 25 | 4 | 25 | 6 | 25 | 5 | 26 | 6 | 26 | 10 | 28 | 11 | 26 | 11 | 23 | 10 | 26 | 10 |
| 12 | 27 | 5 | 27 | 4 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | 26 | 4 | 27 | 6 | 28 | 5 | 27 | 6 | 28 | 6 |
| 13 | — | 2 | — | 2 | — | 2 | — | 3 | 27 | 4 | 27 | 4 | 24 | 5 | 25 | 6 | 24 | 7 | 26 | 8 | 26 | 7 | 28 | 7 |
| 14 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | 29 | 4 | 31 | 4 | 31 | 5 | 27 | 6 | 28 | 7 | 30 | 8 |
| 15 | 1 | 4 | — | 3 | 1 | 4 | 1 | 4 | 1 | 6 | 2 | 7 | 1 | 5 | 1 | 5 | 4 | 7 | 5 | 8 | 3 | 9 | 9 | 9 |
| 16 | 6 | 4 | 6 | 5 | 6 | 5 | — | 2 | — | 1 | — | 2 | — | 1 | 6 | 8 | 4 | 10 | 5 | 10 | 4 | 12 | 6 | 10 |
| 17 | 10 | 4 | — | 2 | — | 2 | — | 3 | — | 3 | 3 | 4 | — | 2 | 3 | 7 | 4 | 7 | 4 | 9 | 1 | 7 | 1 | 7 |
| 18 | 3 | 7 | 3 | 5 | 3 | 5 | 3 | 4 | — | 2 | 3 | 6 | 2 | 5 | 2 | 5 | 4 | 7 | 2 | 8 | 2 | 4 | 3 | 6 |
| 19 | 3 | 9 | 3 | 8 | 3 | 9 | 3 | 7 | 3 | 4 | 3 | 7 | 3 | 8 | 3 | 7 | 1 | 8 | 1 | 6 | 1 | 7 | 1 | 5 |
| 20 | 5 | 10 | 5 | 10 | 4 | 10 | 5 | 12 | 5 | 11 | 4 | 12 | 4 | 12 | 4 | 13 | 4 | 14 | 5 | 15 | 5 | 17 | 6 | 20 |
| 21 | 4 | 5 | — | 2 | — | 2 | — | 2 | — | 2 | 4 | 4 | 20 | 7 | 19 | 10 | 19 | 10 | 19 | 10 | 17 | 10 | 19 | 12 |
| 22 | 17 | 4 | — | 2 | 17 | 4 | — | 3 | 17 | 5 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 4 | — | 2 | 14 | 4 |
| 23 | — | 2 | 23 | 4 | 23 | 4 | 23 | 6 | 21 | 7 | 21 | 5 | 21 | 7 | 21 | 7 | 21 | 7 | 20 | 5 | 17 | 4 | 17 | 4 |
| 24 | 18 | 5 | 13 | 4 | — | 2 | 18 | 9 | 19 | 11 | 20 | 9 | 21 | 8 | 21 | 8 | 21 | 9 | 20 | 11 | 22 | 10 | 22 | 9 |
| 25 | 18 | 12 | 17 | 15 | 17 | 13 | 18 | 14 | 19 | 11 | 21 | 8 | 20 | 11 | 20 | 14 | 21 | 15 | 21 | 15 | 21 | 14 | 21 | 17 |
| 26 | 20 | 7 | 20 | 7 | 20 | 6 | 21 | 7 | 21 | 8 | 20 | 8 | 20 | 12 | 20 | 12 | 21 | 11 | 19 | 12 | 19 | 10 | 20 | 13 |
| 27 | 17 | 23 | 17 | 21 | 18 | 22 | 18 | 24 | 19 | 21 | 21 | 15 | 22 | 13 | 22 | 11 | 22 | 12 | 22 | 12 | 22 | 10 | 21 | 12 |
| 28 | 19 | 7 | 19 | 7 | 18 | 9 | 18 | 11 | 18 | 12 | 18 | 13 | 18 | 15 | 19 | 15 | 19 | 16 | 18 | 15 | 19 | 13 | 18 | 18 |
| 29 | 19 | 15 | 20 | 12 | 19 | 13 | 19 | 12 | 19 | 12 | 19 | 12 | 19 | 13 | 21 | 14 | 20 | 15 | 21 | 15 | 22 | 15 | 21 | 15 |
| 30 | 19 | 5 | 19 | 4 | 19 | 7 | 19 | 4 | 19 | 4 | 19 | 5 | 20 | 5 | 20 | 6 | 23 | 6 | 25 | 7 | 22 | 4 | 21 | 7 |
| 31 | 21 | 5 | 21 | 6 | 21 | 6 | 21 | 4 | 21 | 5 | 21 | 4 | 21 | 4 | 21 | 7 | 18 | 7 | 18 | 10 | 19 | 8 | 18 | 7 |
| Mean ... | — | 6 | — | 5 | — | 5 | — | 6 | — | 6 | — | 6 | — | 7 | — | 8 | — | 9 | — | 9 | — | 8 | — | 9 |
| Mean, 1881–1905. | — | 4·4 | — | 4·3 | — | 4·1 | — | 4·1 | — | 4·1 | — | 4·5 | — | 5·5 | — | 6·8 | — | 7·8 | — | 8·4 | — | 9·2 | — | 9·2 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. AUGUST, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 01 | — | 01 | — | — | — | — | — | — | 03 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 08 | — | — | — | — | — | 10 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | 01 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 05 | 05 | 14 | 01 | 01 | — | — | 29 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | — | — | — | — | — | — | — | — | — | — | 03 |
| 23 | — | — | — | — | — | — | 02 | 05 | 10 | 07 | 16 | 02 | 03 | 05 | 07 | 09 | 05 | 06 | 01 | — | — | 01 | 01 | 02 | 82 |
| 24 | 02 | 04 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 25 | — | — | — | 01 | 08 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 09 |
| 26 | — | — | — | — | — | — | — | — | — | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 27 | 01 | 09 | 01 | — | 04 | 01 | — | — | — | — | — | 02 | — | — | — | — | 01 | — | — | — | — | — | — | — | 19 |
| 28 | — | — | — | 01 | — | 01 | 08 | — | — | — | — | 16 | 01 | — | — | 07 | — | — | — | — | — | — | — | — | 34 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 | — | — | — | — | — | — | — | — | — | 08 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 01 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 | 05 | 02 | 01 | 09 | — | — | 30 |
| Sum ... | 03 | 13 | 02 | 02 | 13 | 05 | 11 | 05 | 10 | 11 | 16 | 02 | 21 | 09 | 15 | 10 | 16 | 28 | 19 | 16 | 02 | 11 | 01 | 02 | 2·43 |
| Average 1871–1905. | ·080 | ·091 | ·080 | ·062 | ·075 | ·057 | ·080 | ·077 | ·086 | ·087 | ·081 | ·106 | ·096 | ·128 | ·149 | ·117 | ·143 | ·113 | ·109 | ·094 | ·119 | ·085 | ·070 | ·069 | 2·255 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. AUGUST, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 30 | 7 | 29 | 10 | 32 | 7 | 30 | 7 | 31 | 6 | 31 | 5 | 32 | 4 | 31 | 4 | 31 | 4 | — | 2 | — | 1 | — | 2 | 5 | 1 |
| 2 | 10 | 1 | 9 | 1 | 9 | 32 | 8 | 1 | 10 | 1 | 10 | 1 | 9 | 1 | 4 | 1 | 4 | — | 2 | — | 2 | — | 2 | 5 | 2 |
| — | 3 | 22 | 4 | 28 | 4 | 28 | 6 | 24 | 5 | — | 2 | — | 2 | 17 | 5 | 17 | 7 | 18 | 7 | — | 3 | — | 1 | 3 | 3 |
| 24 | 10 | 22 | 7 | 23 | 9 | 22 | 9 | 23 | 10 | 24 | 7 | 24 | 7 | 25 | 4 | 24 | 5 | 25 | 5 | 25 | 5 | 26 | 5 | 5 | 4 |
| 30 | 12 | 32 | 16 | 32 | 18 | 32 | 14 | 32 | 12 | 32 | 13 | 32 | 12 | 32 | 15 | 32 | 12 | 32 | 10 | 32 | 12 | 32 | 12 | 10 | 5 |
| 32 | 14 | 32 | 20 | 32 | 18 | 32 | 18 | 32 | 17 | 32 | 16 | 32 | 15 | 32 | 12 | 2 | 12 | 32 | 12 | 32 | 12 | 32 | 12 | 14 | 6 |
| 30 | 11 | 31 | 10 | 32 | 10 | 32 | 10 | 31 | 9 | 1 | 8 | 1 | 5 | — | 3 | — | 2 | — | 1 | — | 2 | 29 | 4 | 7 | 7 |
| — | 3 | 25 | 4 | 31 | 6 | 31 | 5 | 31 | 6 | — | 3 | — | 2 | — | 1 | — | 1 | — | 0 | — | 2 | — | 2 | 3 | 8 |
| 23 | 4 | 25 | 4 | 27 | 4 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 23 | 4 | — | 3 | 3 | 9 |
| 20 | 12 | 20 | 12 | 19 | 12 | 20 | 11 | 20 | 11 | 28 | 13 | 28 | 7 | — | 3 | — | 2 | 25 | 4 | 25 | 4 | 25 | 5 | 7 | 10 |
| 24 | 11 | 25 | 12 | 27 | 14 | 26 | 13 | 27 | 12 | 27 | 12 | 27 | 10 | 28 | 7 | 27 | 7 | 27 | 6 | 27 | 6 | 27 | 4 | 8 | 11 |
| 27 | 5 | 25 | 8 | 28 | 7 | 27 | 9 | 30 | 7 | 31 | 6 | 30 | 6 | 30 | 4 | 30 | 4 | — | 2 | — | 2 | 27 | 4 | 5 | 12 |
| 28 | 8 | 28 | 10 | 27 | 10 | 28 | 9 | 29 | 8 | 29 | 4 | 29 | 4 | 27 | 5 | 27 | 4 | — | 2 | 27 | 7 | — | 1 | 5 | 13 |
| 32 | 11 | 1 | 10 | 2 | 11 | 2 | 11 | 1 | 6 | 1 | 4 | 32 | 4 | — | 3 | 32 | 4 | 32 | 5 | 1 | 4 | — | 3 | 5 | 14 |
| 5 | 11 | 7 | 13 | 8 | 15 | 8 | 12 | 8 | 12 | 8 | 13 | 7 | 11 | 6 | 9 | 6 | 7 | 6 | 5 | 6 | 4 | 6 | 6 | 8 | 15 |
| 4 | 11 | 6 | 9 | 9 | 9 | 8 | 8 | 7 | 8 | 10 | 5 | 10 | 4 | 10 | 4 | — | 2 | — | 1 | — | 2 | — | 2 | 6 | 16 |
| 1 | 7 | 1 | 7 | 32 | 7 | 2 | 7 | 32 | 7 | 5 | 7 | 4 | 5 | 4 | 6 | 8 | 4 | — | 2 | 3 | 7 | 3 | 8 | 5 | 17 |
| 3 | 4 | — | 3 | 1 | 6 | 1 | 5 | 1 | 5 | 1 | 4 | 1 | 5 | 1 | 9 | 3 | 8 | 3 | 6 | 3 | 7 | 3 | 7 | 6 | 18 |
| 1 | 4 | 1 | 4 | 3 | 5 | 7 | 7 | 4 | 7 | 4 | 10 | 2 | 8 | 7 | 7 | 7 | 10 | 7 | 9 | 5 | 8 | 5 | 8 | 7 | 19 |
| 6 | 18 | 6 | 18 | 6 | 17 | 6 | 17 | 7 | 15 | 7 | 12 | 7 | 11 | 7 | 9 | 5 | 7 | 6 | 6 | 4 | 7 | 4 | 6 | 12 | 20 |
| 18 | 10 | 18 | 10 | 16 | 11 | 16 | 12 | 16 | 10 | 15 | 10 | 16 | 5 | 12 | 5 | 12 | 4 | 18 | 4 | 17 | 6 | 17 | 5 | 7 | 21 |
| 31 | 4 | 28 | 7 | 27 | 7 | 29 | 9 | 28 | 7 | 27 | 6 | 27 | 4 | 27 | 4 | — | 3 | 23 | 4 | 23 | 4 | 23 | 4 | 4 | 22 |
| — | 3 | 17 | 5 | 20 | 6 | 21 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 21 | 5 | 21 | 5 | — | 3 | 4 | 23 |
| 23 | 10 | 22 | 12 | 22 | 12 | 21 | 11 | 21 | 10 | 19 | 12 | 19 | 14 | 19 | 11 | 19 | 10 | 19 | 9 | 19 | 12 | 18 | 11 | 10 | 24 |
| 21 | 15 | 21 | 15 | 19 | 15 | 20 | 12 | 22 | 15 | 23 | 13 | 22 | 9 | 22 | 9 | 22 | 7 | 21 | 7 | 21 | 8 | 21 | 7 | 12 | 25 |
| 20 | 11 | 20 | 12 | 19 | 15 | 19 | 12 | 19 | 16 | 18 | 15 | 18 | 15 | 19 | 18 | 18 | 18 | 18 | 17 | 18 | 21 | 18 | 21 | 13 | 26 |
| 22 | 11 | 18 | 11 | 21 | 12 | 20 | 12 | 21 | 7 | 20 | 8 | 19 | 11 | 19 | 7 | 19 | 4 | 19 | 4 | 19 | 6 | 19 | 6 | 12 | 27 |
| 20 | 18 | 21 | 7 | 19 | 15 | 19 | 17 | 22 | 15 | 19 | 10 | 20 | 10 | 20 | 9 | 19 | 12 | 19 | 11 | 19 | 13 | 19 | 16 | 13 | 28 |
| 25 | 13 | 18 | 18 | 23 | 12 | 21 | 15 | 23 | 12 | 21 | 10 | 20 | 11 | 20 | 7 | 19 | 9 | 20 | 7 | 19 | 7 | 19 | 6 | 12 | 29 |
| 22 | 8 | 21 | 8 | 22 | 10 | 21 | 12 | 22 | 7 | 26 | 7 | 24 | 4 | 24 | 5 | 23 | 4 | 23 | 5 | 21 | 6 | 21 | 4 | 6 | 30 |
| 18 | 11 | 17 | 13 | 15 | 14 | 15 | 13 | 15 | 18 | 15 | 16 | 15 | 18 | 16 | 21 | 15 | 21 | 16 | 19 | 22 | 12 | 20 | 9 | 11 | 31 |
| — | 9 | — | 10 | — | 11 | — | 10 | — | 10 | — | 9 | — | 8 | — | 7 | — | 7 | — | 6 | — | 6 | — | 6 | 8 | |
| — | 9·5 | — | 9·6 | — | 9·5 | — | 9·3 | — | 8·9 | — | 7·9 | — | 6·7 | — | 5·9 | — | 5·5 | — | 5·1 | — | 4·7 | — | 4·5 | 6·7 | Mean, 1881–1905. |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. AUGUST, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | ·3 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | 13·0 | Fine. |
| 2 | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | 13·6 | Fine and bright. |
| 3 | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·2 | — | — | 12·0 | Bright till 17h., then somewhat cloudy. |
| 4 | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·6 | — | — | — | — | ·2 | ·4 | — | 8·0 | Fine to overcast; warm. |
| 5 | — | — | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | — | — | 0·4 | Dull day, with ●9. |
| 6 | — | — | — | — | — | — | — | — | — | ·3 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·3 | — | 5·5 | A.M. dull, P.M. fine; Nly. wind all day. |
| 7 | — | — | — | ·1 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·9 | 1·0 | 1·0 | 1·0 | ·5 | — | 11·0 | Fine day. |
| 8 | — | — | — | — | — | — | — | ·2 | ·3 | 1·0 | ·8 | 1·0 | ·1 | — | — | — | — | 3·4 | Dull to fine; ≋9. |
| 9 | — | — | ·4 | 1·0 | ·7 | 1·0 | ·9 | ·7 | ·7 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | ·4 | — | 11·6 | Fine. |
| 10 | — | — | — | — | ·3 | ·8 | ·8 | ·7 | ·9 | ·7 | ·4 | ·3 | ·3 | ·2 | — | — | — | 5·4 | Fair; ● 18h.–19h. |
| 11 | — | ·3 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | ·4 | — | — | 13·0 | Fine day, with good visibility. |
| 12 | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·9 | ·9 | ·8 | ·1 | ·2 | ·1 | — | — | — | 8·9 | Fine to cloudy. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●9 early. |
| 14 | — | — | — | ·3 | ·4 | ·3 | ·5 | ·5 | 1·0 | ·9 | 1·0 | 1·0 | ·5 | — | — | — | — | 6·4 | Cloudy to bright. |
| 15 | — | — | — | — | ·2 | 1·0 | ·9 | ·5 | ·7 | 1·0 | ·9 | ·9 | ·9 | 1·0 | 1·0 | ·2 | — | 9·2 | ≋9 at first, then fine most of day. |
| 16 | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·8 | ·5 | 1·0 | ·9 | ·2 | — | — | 10·5 | Fine day. |
| 17 | — | — | — | — | ·4 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | 10·4 | Misty to bright. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull throughout. |
| 19 | — | — | — | — | — | ·1 | — | — | ·3 | 1 | — | — | — | ·6 | ·4 | — | — | 1·5 | Very cloudy all day. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with Ely. wind and ● 17h.–22h. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fine and clear to cloudy. |
| 22 | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·5 | ·8 | ·9 | ·5 | 1·0 | ·9 | — | — | 9·8 | Cloudy day, with ⊤, <, and ● in after- |
| 23 | — | — | ·7 | — | — | — | — | ·1 | ·5 | — | ·1 | — | ·2 | ·3 | ·3 | — | — | 2·2 | Overcast, and ● most of day. [noon. |
| 24 | — | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·1 | — | — | 8·6 | ● early, then fine; good visibility after |
| 25 | — | — | ·2 | 1·0 | ·9 | 1·0 | ·8 | 1·0 | ·9 | ·6 | ·4 | ·8 | ·6 | 1·0 | 1·0 | ·1 | — | 10·3 | ●2 at 4h. 30m., fine afterwards, [12h. |
| 26 | — | ·1 | ·9 | ·8 | ·1 | ·1 | — | ·1 | — | — | — | ·3 | ·2 | — | — | — | — | 2·6 | Dull day; partial ⊕ at 18h. |
| 27 | — | — | — | ·9 | 1·0 | ·9 | ·9 | ·3 | ·1 | ·1 | ·2 | ·8 | ·5 | — | ·3 | — | — | 6·0 | Cloudy and ●, with bright intervals. |
| 28 | — | — | — | — | — | — | — | — | ·1 | ·1 | ·1 | — | ·9 | ·2 | ·9 | ·1 | — | 2·4 | Overcast to clear; ⅋ and ●2 at 13h. and 17h. |
| 29 | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·4 | ·9 | ·6 | 1·0 | ·9 | ·5 | — | — | 10·9 | Fine most of day; ⊤, < at 13h.; ●2 at |
| 30 | — | — | ·6 | ·1 | ·2 | 1·0 | ·9 | ·7 | ·9 | ·9 | 1·0 | ·8 | ·5 | ·1 | — | — | — | 7·7 | Fair. [15h. |
| 31 | — | — | — | ·1 | ·6 | ·1 | ·2 | — | — | — | — | — | — | — | — | — | — | 1·0 | Dull day, with ● 18h.–22h. |
| | — | 0·8 | 9·3 | 13·3 | 14·7 | 18·1 | 17·6 | 16·2 | 17·9 | 16·6 | 16·7 | 16·2 | 17·7 | 14·8 | 11·8 | 3·6 | — | 205·3 | Total. |
| | — | 0·68 | 6·82 | 11·73 | 14·79 | 15·79 | 16·62 | 16·97 | 16·72 | 16·33 | 16·32 | 15·82 | 14·73 | 13·66 | 9·80 | 1·88 | — | 188·64 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. AUGUST, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·0 | 56·0 | 54·1 | 52·3 | 49·0 | 51·4 | 52·8 | 55·1 | 58·4 | 62·0 | 62·0 | 62·6 | 63·7 | 65·4 | 66·9 | 68·2 | 69·0 | 68·8 | 68·6 | 66·8 | 63·9 | 61·4 | 60·3 | 58·9 | 56·3 | 60·6 |
| 2 | 56·3 | 54·4 | 54·3 | 53·2 | 52·6 | 51·4 | 53·1 | 57·2 | 60·6 | 63·3 | 64·6 | 66·3 | 67·3 | 68·1 | 69·0 | 69·8 | 69·9 | 70·0 | 68·9 | 67·3 | 64·7 | 62·4 | 57·6 | 58·1 | 56·0 | 61·7 |
| 3 | 56·0 | 54·6 | 53·9 | 52·1 | 50·9 | 51·1 | 52·9 | 56·5 | 60·5 | 64·7 | 67·1 | 70·0 | 72·8 | 74·2 | 76·3 | 77·5 | 78·4 | 79·2 | 78·8 | 77·0 | 71·0 | 68·8 | 67·0 | 64·4 | 62·1 | 65·8 |
| 4 | 62·1 | 61·7 | 61·1 | 60·0 | 59·2 | 58·8 | 59·7 | 62·2 | 65·1 | 68·3 | 71·1 | 72·8 | 74·0 | 75·9 | 76·2 | 76·3 | 75·8 | 74·3 | 73·0 | 71·4 | 68·1 | 66·0 | 64·0 | 63·2 | 62·3 | 67·5 |
| 5 | 62·3 | 61·5 | 60·3 | 60·3 | 60·1 | 60·0 | 60·1 | 59·0 | 59·4 | 61·0 | 58·3 | 58·3 | 56·8 | 57·7 | 59·2 | 60·0 | 58·7 | 57·2 | 57·0 | 58·4 | 58·5 | 58·0 | 57·3 | 57·7 | 57·3 | 58·9 |
| 6 | 57·3 | 57·7 | 58·0 | 58·0 | 58·9 | 59·2 | 59·2 | 59·5 | 60·0 | 61·1 | 61·5 | 63·2 | 63·6 | 64·9 | 66·2 | 66·0 | 65·9 | 65·9 | 64·7 | 63·0 | 60·9 | 60·0 | 59·6 | 58·7 | 58·1 | 61·4 |
| 7 | 58·1 | 57·9 | 57·4 | 57·0 | 56·3 | 55·9 | 55·8 | 56·2 | 56·3 | 60·0 | 63·0 | 66·7 | 70·0 | 71·9 | 72·0 | 71·4 | 72·3 | 72·0 | 71·8 | 69·2 | 66·6 | 64·4 | 60·9 | 58·1 | 59·3 | 63·4 |
| 8 | 59·3 | 58·3 | 57·3 | 56·1 | 55·3 | 55·3 | 55·3 | 56·0 | 57·0 | 58·7 | 59·7 | 61·0 | 62·5 | 65·0 | 68·0 | 69·0 | 67·9 | 67·9 | 66·9 | 65·5 | 64·3 | 61·5 | 60·8 | 58·9 | 58·0 | 61·1 |
| 9 | 58·0 | 56·9 | 56·8 | 56·8 | 55·8 | 54·7 | 55·3 | 58·0 | 61·1 | 62·9 | 64·7 | 66·8 | 67·8 | 70·1 | 70·9 | 71·8 | 72·5 | 73·2 | 75·4 | 72·3 | 67·3 | 66·7 | 65·3 | 63·3 | 61·7 | 64·4 |
| 10 | 61·7 | 60·0 | 58·8 | 57·2 | 56·1 | 56·1 | 57·7 | 60·5 | 62·8 | 66·0 | 66·9 | 68·6 | 69·1 | 70·0 | 68·7 | 69·0 | 70·7 | 68·9 | 66·1 | 65·9 | 65·1 | 65·1 | 54·2 | 53·3 | 52·0 | 61·6 |
| 11 | 52·2 | 50·6 | 49·4 | 48·9 | 47·6 | 47·7 | 48·8 | 51·0 | 54·4 | 57·4 | 58·4 | 61·0 | 60·9 | 63·4 | 64·4 | 64·4 | 65·6 | 65·4 | 62·6 | 61·0 | 59·0 | 58·3 | 55·4 | 53·8 | 52·1 | 56·7 |
| 12 | 52·1 | 50·6 | 48·0 | 48·2 | 47·0 | 46·6 | 47·9 | 49·9 | 52·6 | 55·6 | 57·3 | 59·7 | 60·1 | 62·1 | 64·0 | 63·2 | 63·6 | 62·9 | 62·0 | 60·5 | 59·0 | 58·1 | 57·5 | 56·0 | 54·1 | 56·1 |
| 13 | 54·1 | 53·1 | 52·5 | 52·5 | 52·4 | 51·9 | 51·6 | 52·5 | 53·7 | 55·9 | 56·8 | 59·2 | 60·0 | 61·3 | 62·0 | 62·1 | 61·2 | 60·2 | 60·0 | 59·3 | 58·9 | 57·0 | 57·0 | 57·2 | 56·0 | 56·8 |
| 14 | 56·0 | 55·7 | 55·4 | 55·0 | 54·8 | 54·5 | 55·6 | 56·1 | 57·5 | 59·9 | 60·4 | 62·7 | 64·8 | 65·3 | 65·0 | 65·0 | 63·0 | 62·2 | 61·4 | 60·9 | 59·1 | 58·1 | 56·9 | 55·3 | 54·0 | 59·2 |
| 15 | 54·0 | 52·9 | 51·6 | 51·2 | 51·4 | 53·0 | 53·9 | 55·1 | 55·3 | 59·2 | 62·0 | 64·1 | 64·4 | 67·4 | 65·6 | 67·9 | 66·9 | 67·0 | 64·8 | 61·5 | 59·4 | 58·1 | 57·3 | 57·0 | 55·1 | 59·2 |
| 16 | 55·1 | 54·3 | 53·8 | 53·6 | 53·1 | 50·3 | 50·1 | 54·0 | 59·0 | 62·1 | 63·7 | 65·0 | 65·6 | 66·3 | 66·5 | 68·8 | 69·0 | 68·9 | 66·3 | 62·0 | 58·6 | 57·4 | 55·3 | 53·0 | 50·9 | 59·6 |
| 17 | 50·9 | 51·6 | 51·0 | 49·1 | 48·6 | 48·7 | 48·9 | 51·0 | 54·6 | 58·1 | 60·8 | 62·4 | 64·1 | 65·9 | 67·1 | 68·0 | 68·4 | 68·7 | 67·8 | 65·0 | 62·6 | 59·0 | 56·7 | 56·0 | 56·3 | 58·7 |
| 18 | 56·3 | 55·9 | 55·6 | 55·1 | 54·6 | 54·5 | 54·9 | 54·9 | 55·1 | 56·1 | 57·2 | 57·9 | 58·0 | 59·0 | 60·3 | 61·5 | 62·5 | 62·9 | 62·6 | 62·0 | 61·4 | 60·1 | 59·6 | 58·6 | 58·2 | 58·2 |
| 19 | 58·2 | 57·5 | 56·8 | 56·4 | 56·2 | 55·7 | 56·0 | 56·6 | 57·6 | 59·3 | 59·9 | 60·9 | 61·1 | 63·1 | 63·2 | 64·0 | 64·3 | 64·8 | 64·0 | 62·3 | 60·2 | 59·3 | 58·5 | 58·3 | 57·0 | 59·7 |
| 20 | 57·0 | 56·5 | 56·2 | 57·2 | 57·0 | 56·7 | 56·8 | 57·9 | 58·5 | 59·7 | 60·1 | 62·4 | 62·6 | 62·0 | 62·9 | 63·1 | 63·6 | 63·3 | 61·8 | 61·4 | 61·0 | 60·9 | 60·3 | 60·2 | 59·7 | 60·0 |
| 21 | 59·7 | 59·7 | 59·1 | 58·8 | 59·0 | 59·0 | 59·0 | 60·0 | 61·3 | 64·0 | 66·6 | 68·8 | 68·6 | 70·0 | 67·9 | 71·0 | 70·3 | 67·3 | 67·0 | 63·4 | 61·0 | 60·0 | 60·4 | 59·6 | 58·0 | 63·4 |
| 22 | 58·0 | 57·3 | 56·1 | 57·0 | 57·8 | 58·3 | 57·4 | 59·9 | 61·7 | 64·1 | 64·7 | 66·2 | 66·3 | 63·8 | 64·9 | 63·9 | 64·4 | 64·5 | 64·2 | 62·3 | 61·1 | 58·9 | 57·0 | 56·1 | 56·6 | 61·1 |
| 23 | 56·0 | 55·0 | 55·0 | 55·0 | 55·6 | 55·4 | 55·3 | 55·9 | 55·7 | 55·0 | 55·3 | 55·2 | 55·2 | 54·6 | 56·6 | 56·3 | 55·8 | 55·7 | 54·9 | 54·3 | 53·7 | 54·0 | 54·0 | 53·9 | 53·6 | 55·2 |
| 24 | 53·6 | 53·5 | 53·6 | 54·6 | 58·0 | 60·0 | 60·6 | 61·3 | 63·0 | 64·6 | 66·0 | 68·2 | 69·0 | 69·4 | 71·2 | 71·0 | 71·3 | 71·0 | 67·1 | 64·3 | 62·0 | 60·1 | 58·9 | 58·0 | 58·7 | 63·1 |
| 25 | 58·7 | 58·0 | 59·2 | 60·1 | 60·2 | 59·3 | 58·5 | 59·8 | 60·9 | 62·3 | 63·4 | 65·9 | 66·5 | 68·4 | 66·0 | 66·0 | 66·7 | 67·0 | 66·0 | 62·3 | 60·3 | 59·0 | 57·2 | 56·5 | 56·0 | 62·0 |
| 26 | 56·0 | 55·7 | 55·5 | 54·8 | 54·6 | 53·9 | 55·3 | 57·2 | 59·1 | 60·2 | 60·0 | 62·4 | 65·2 | 65·3 | 65·7 | 66·2 | 67·7 | 67·7 | 68·5 | 65·1 | 62·7 | 61·8 | 62·0 | 62·0 | 62·4 | 62·6 |
| 27 | 62·6 | 62·3 | 60·3 | 60·0 | 60·6 | 61·4 | 60·8 | 60·1 | 60·4 | 61·7 | 63·4 | 63·4 | 64·1 | 62·5 | 64·4 | 67·0 | 66·0 | 64·1 | 64·8 | 62·3 | 60·9 | 58·8 | 57·5 | 55·8 | 55·5 | 61·7 |
| 28 | 55·5 | 54·1 | 54·0 | 54·5 | 55·2 | 56·6 | 57·7 | 57·5 | 56·9 | 57·3 | 58·1 | 59·6 | 62·2 | 62·4 | 58·6 | 59·8 | 60·9 | 56·1 | 57·0 | 56·0 | 55·1 | 55·0 | 55·0 | 55·6 | 55·6 | 57·1 |
| 29 | 55·6 | 54·9 | 55·3 | 55·1 | 54·8 | 54·9 | 55·0 | 57·1 | 58·7 | 60·1 | 61·1 | 62·2 | 64·4 | 60·9 | 61·6 | 60·3 | 62·9 | 63·6 | 61·7 | 57·7 | 55·0 | 54·0 | 53·5 | 53·4 | 52·2 | 58·0 |
| 30 | 52·2 | 51·5 | 50·6 | 50·5 | 49·9 | 49·2 | 51·0 | 52·9 | 54·1 | 57·1 | 58·2 | 60·3 | 63·0 | 63·9 | 65·0 | 66·1 | 64·5 | 59·3 | 57·8 | 54·6 | 52·5 | 51·6 | 50·6 | 49·4 | 48·9 | 55·6 |
| 31 | 48·9 | 48·5 | 48·4 | 48·0 | 47·4 | 47·9 | 48·6 | 51·2 | 53·9 | 57·5 | 59·1 | 57·7 | 60·0 | 60·0 | 59·9 | 60·1 | 59·1 | 58·2 | 56·6 | 56·1 | 56·1 | 55·4 | 56·9 | 54·9 | 52·1 | 54·7 |
| Mean ... | 56·5 | 55·8 | 55·2 | 54·8 | 54·5 | 54·5 | 55·0 | 56·6 | 58·2 | 60·5 | 61·7 | 63·3 | 64·3 | 65·2 | 65·7 | 66·3 | 66·4 | 65·8 | 64·5 | 62·5 | 60·6 | 59·3 | 58·2 | 57·3 | 56·3 | 60·1 |
| Mean, 1871-1905. | 57·3 | 56·7 | 56·0 | 55·6 | 55·1 | 55·0 | 55·6 | 57·5 | 59·4 | 61·7 | 63·4 | 65·1 | 66·1 | 67·3 | 67·7 | 68·1 | 67·7 | 67·2 | 65·9 | 63·9 | 61·7 | 60·2 | 59·1 | 58·1 | 57·3 | 61·2 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). AUGUST, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 77 | 77 | 81 | 82 | 88 | 90 | 82 | 80 | 69 | 62 | 59 | 60 | 56 | 58 | 53 | 52 | 51 | 50 | 54 | 58 | 65 | 71 | 75 | 82 | 90 | 68·3 |
| 2 | 90 | 93 | 93 | 94 | 96 | 92 | 92 | 87 | 74 | 65 | 57 | 54 | 51 | 51 | 50 | 48 | 47 | 48 | 49 | 49 | 54 | 61 | 77 | 81 | 89 | 68·6 |
| 3 | 89 | 92 | 93 | 95 | 94 | 92 | 88 | 84 | 79 | 65 | 65 | 61 | 59 | 53 | 50 | 51 | 50 | 50 | 53 | 63 | 73 | 76 | 78 | 82 | 88 | 72·3 |
| 4 | 88 | 90 | 90 | 93 | 96 | 95 | 91 | 87 | 78 | 70 | 59 | 59 | 57 | 52 | 51 | 50 | 53 | 57 | 61 | 59 | 64 | 71 | 76 | 78 | 79 | 71·7 |
| 5 | 79 | 80 | 80 | 81 | 86 | 87 | 86 | 72 | 71 | 64 | 71 | 74 | 83 | 84 | 74 | 69 | 77 | 86 | 87 | 80 | 78 | 81 | 80 | 79 | 84 | 78·8 |
| 6 | 84 | 85 | 86 | 89 | 86 | 82 | 82 | 79 | 76 | 69 | 71 | 70 | 67 | 65 | 64 | 66 | 66 | 68 | 69 | 72 | 76 | 77 | 78 | 78 | 80 | 75·1 |
| 7 | 80 | 81 | 83 | 84 | 83 | 83 | 82 | 81 | 79 | 67 | 66 | 53 | 52 | 49 | 49 | 44 | 43 | 46 | 55 | 71 | 76 | 76 | 85 | 92 | 86 | 69·3 |
| 8 | 86 | 87 | 90 | 91 | 92 | 91 | 91 | 91 | 89 | 84 | 84 | 82 | 81 | 74 | 68 | 64 | 69 | 70 | 73 | 77 | 81 | 91 | 91 | 95 | 95 | 83·3 |
| 9 | 95 | 94 | 95 | 92 | 94 | 95 | 92 | 84 | 78 | 71 | 64 | 60 | 59 | 57 | 51 | 52 | 51 | 49 | 51 | 56 | 66 | 91 | 75 | 79 | 83 | 71·7 |
| 10 | 83 | 87 | 89 | 92 | 92 | 92 | 89 | 87 | 80 | 73 | 69 | 66 | 59 | 59 | 55 | 60 | 58 | 64 | 80 | 87 | 88 | 91 | 91 | 92 | 95 | 78·7 |
| 11 | 92 | 89 | 88 | 87 | 90 | 87 | 84 | 81 | 72 | 63 | 58 | 54 | 50 | 45 | 44 | 43 | 44 | 41 | 44 | 48 | 54 | 64 | 68 | 71 | 75 | 64·7 |
| 12 | 75 | 78 | 81 | 84 | 86 | 88 | 86 | 81 | 73 | 64 | 60 | 55 | 52 | 50 | 45 | 49 | 48 | 47 | 52 | 54 | 57 | 62 | 63 | 68 | 74 | 64·5 |
| 13 | 74 | 74 | 79 | 81 | 84 | 87 | 89 | 86 | 82 | 76 | 71 | 70 | 66 | 64 | 67 | 71 | 76 | 80 | 82 | 84 | 89 | 91 | 90 | 90 | 80 | 79·8 |
| 14 | 80 | 82 | 82 | 85 | 85 | 84 | 83 | 80 | 73 | 67 | 64 | 69 | 60 | 58 | 60 | 62 | 65 | 68 | 72 | 74 | 81 | 83 | 86 | 86 | 90 | 75·0 |
| 15 | 90 | 90 | 94 | 94 | 98 | 94 | 94 | 88 | 87 | 77 | 64 | 63 | 59 | 51 | 50 | 49 | 52 | 51 | 53 | 53 | 60 | 65 | 71 | 76 | 82 | 71·6 |
| 16 | 82 | 83 | 86 | 89 | 92 | 93 | 92 | 87 | 78 | 68 | 57 | 51 | 49 | 48 | 51 | 51 | 49 | 49 | 55 | 64 | 69 | 72 | 80 | 87 | 93 | 70·3 |
| 17 | 93 | 78 | 82 | 87 | 92 | 93 | 97 | 95 | 88 | 74 | 63 | 58 | 56 | 52 | 50 | 47 | 48 | 49 | 51 | 56 | 62 | 76 | 82 | 83 | 79 | 71·1 |
| 18 | 79 | 80 | 81 | 81 | 83 | 85 | 87 | 88 | 86 | 82 | 78 | 77 | 78 | 76 | 74 | 71 | 69 | 68 | 69 | 73 | 77 | 80 | 80 | 83 | 85 | 78·6 |
| 19 | 85 | 85 | 84 | 84 | 84 | 85 | 83 | 77 | 77 | 69 | 68 | 67 | 67 | 63 | 65 | 62 | 62 | 64 | 63 | 71 | 82 | 82 | 86 | 86 | 87 | 75·1 |
| 20 | 87 | 85 | 86 | 84 | 83 | 83 | 83 | 81 | 82 | 82 | 82 | 81 | 86 | 83 | 81 | 79 | 81 | 91 | 94 | 96 | 95 | 96 | 92 | 93 | 93 | 85·7 |
| 21 | 93 | 92 | 94 | 96 | 96 | 96 | 96 | 91 | 85 | 78 | 73 | 65 | 63 | 61 | 73 | 61 | 62 | 67 | 72 | 79 | 87 | 87 | 89 | 90 | 92 | 81·1 |
| 22 | 92 | 92 | 95 | 95 | 94 | 91 | 92 | 90 | 89 | 83 | 79 | 73 | 69 | 77 | 79 | 83 | 70 | 65 | 61 | 70 | 71 | 77 | 79 | 85 | 85 | 81·2 |
| 23 | 85 | 88 | 91 | 88 | 89 | 90 | 89 | 89 | 93 | 93 | 95 | 94 | 94 | 89 | 92 | 92 | 94 | 95 | 93 | 92 | 95 | 94 | 95 | 95 | 96 | 92·0 |
| 24 | 96 | 96 | 97 | 97 | 97 | 96 | 95 | 94 | 92 | 85 | 80 | 70 | 62 | 63 | 55 | 55 | 53 | 57 | 72 | 74 | 80 | 83 | 87 | 84 | 85 | 79·8 |
| 25 | 85 | 84 | 87 | 86 | 87 | 96 | 93 | 87 | 79 | 74 | 65 | 65 | 61 | 58 | 61 | 73 | 70 | 57 | 52 | 61 | 69 | 73 | 81 | 82 | 85 | 74·5 |
| 26 | 85 | 87 | 89 | 89 | 89 | 89 | 87 | 84 | 81 | 79 | 90 | 88 | 82 | 81 | 79 | 78 | 71 | 74 | 78 | 78 | 82 | 81 | 81 | 80 | 78 | 82·4 |
| 27 | 78 | 77 | 89 | 92 | 92 | 92 | 92 | 87 | 80 | 70 | 68 | 65 | 68 | 63 | 73 | 76 | 68 | 60 | 74 | 71 | 77 | 83 | 89 | 90 | 94 | 78·4 |
| 28 | 89 | 89 | 92 | 90 | 88 | 86 | 83 | 86 | 90 | 83 | 83 | 82 | 79 | 77 | 90 | 83 | 81 | 79 | 86 | 82 | 84 | 86 | 87 | 80 | 80 | 84·6 |
| 29 | 80 | 82 | 83 | 83 | 86 | 83 | 87 | 80 | 72 | 68 | 64 | 59 | 57 | 54 | 71 | 80 | 64 | 61 | 64 | 81 | 81 | 86 | 89 | 88 | 91 | 75·4 |
| 30 | 91 | 90 | 93 | 92 | 94 | 95 | 92 | 88 | 86 | 80 | 77 | 70 | 64 | 57 | 51 | 54 | 52 | 68 | 72 | 77 | 84 | 84 | 89 | 91 | 93 | 78·8 |
| 31 | 93 | 91 | 91 | 92 | 93 | 94 | 94 | 92 | 87 | 78 | 77 | 77 | 73 | 69 | 70 | 71 | 72 | 76 | 87 | 90 | 91 | 94 | 94 | 85 | 88 | 84·5 |
| Mean ... | 85·6 | 85·7 | 87·9 | 88·7 | 90·0 | 89·9 | 88·6 | 85·2 | 80·6 | 73·5 | 70·6 | 67·6 | 64·9 | 63·1 | 62·8 | 62·5 | 61·3 | 63·1 | 66·8 | 71·0 | 75·8 | 79·5 | 82·9 | 84·3 | 86·0 | 76·3 |
| Mean, 1886-1905. | 85·7 | 86·6 | 87·4 | 88·4 | 88·7 | 88·9 | 88·0 | 84·9 | 80·2 | 74·3 | 69·7 | 65·1 | 62·6 | 60·5 | 59·3 | 59·2 | 59·3 | 61·2 | 64·6 | 70·2 | 75·7 | 79·5 | 82·2 | 84·0 | 85·8 | 75·3 |

[Price Sixpence.]

# VALENCIA OBSERVATORY. SEPTEMBER, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. SEPTEMBER, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·876 | **9·249** | 59·9 | 53·4 | 9 | 9·926 | 9·587 | 55·1 | 47·8 | 17 | 9·792 | 9·672 | 61·5 | 55·1 | 25 | 9·799 | 9·434 | 57·6 | 52·8 |
| 2 | 9·976 | 9·855 | 58·3 | 53·7 | 10 | 9·988 | 9·906 | 54·7 | 46·8 | 18 | 9·748 | 9·631 | 62·7 | 53·5 | 26 | 9·850 | 9·634 | 58·8 | 52·6 |
| 3 | 9·855 | 9·566 | 61·9 | 49·6 | 11 | 0·000 | 9·922 | 54·9 | 49·7 | 19 | 9·931 | 9·748 | 60·7 | 50·6 | 27 | 9·753 | 9·598 | **65·1** | 54·2 |
| 4 | 0·259 | 9·797 | 58·6 | 44·6 | 12 | 0·144 | 9·998 | 57·7 | 42·9 | 20 | 0·004 | 9·885 | 58·7 | 45·4 | 28 | 9·695 | 9·583 | 61·7 | 53·9 |
| 5 | **0·260** | 0·184 | 61·2 | 41·6 | 13 | 0·126 | 0·041 | 60·8 | 51·4 | 21 | 9·994 | 9·780 | 59·3 | **40·7** | 29 | 9·810 | 9·608 | 62·4 | 50·2 |
| 6 | 0·184 | 9·968 | 61·7 | 56·1 | 14 | 0·041 | 9·903 | 58·6 | 54·6 | 22 | 9·780 | 9·637 | 60·0 | 44·8 | 30 | 9·890 | 9·795 | 62·0 | 50·3 |
| 7 | 9·968 | 9·559 | 61·7 | 58·0 | 15 | 0·091 | 9·871 | 56·9 | 48·6 | 23 | 9·997 | 9·647 | 56·7 | 48·2 | | | | | |
| 8 | 9·593 | 9·341 | 59·4 | 51·4 | 16 | 0·050 | 9·738 | 61·9 | 52·1 | 24 | 9·996 | 9·799 | 61·5 | 47·1 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 59·7 | 50·9 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. SEPTEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·262 | 9·249 | 9·267 | 9·292 | 9·335 | 9·402 | 9·458 | 9·515 | 9·555 | 9·599 | 9·648 | 9·671 | 9·702 | 9·729 | 9·759 | 9·777 | 9·785 | 9·796 | 9·811 | 9·823 | 9·845 | 9·853 | 9·867 | 9·873 | 9·876 | 9·633 |
| 2 | 9·876 | 9·881 | 9·882 | 9·881 | 9·874 | 9·877 | 9·883 | 9·898 | 9·911 | 9·938 | 9·948 | 9·963 | 9·965 | 9·967 | 9·974 | 9·967 | 9·961 | 9·950 | 9·949 | 9·938 | 9·926 | 9·919 | 9·898 | 9·876 | 9·855 | 9·920 |
| 3 | 9·855 | 9·818 | 9·767 | 9·718 | 9·681 | 9·647 | 9·611 | 9·601 | 9·595 | 9·590 | 9·589 | 9·594 | 9·597 | 9·596 | 9·588 | 9·572 | 9·566 | 9·569 | 9·580 | 9·602 | 9·654 | 9·700 | 9·737 | 9·764 | 9·797 | 9·648 |
| 4 | 9·797 | 9·814 | 9·839 | 9·871 | 9·889 | 9·920 | 9·956 | 9·999 | 0·010 | 0·050 | 0·079 | 0·097 | 0·120 | 0·124 | 0·140 | 0·147 | 0·163 | 0·176 | 0·191 | 0·200 | 0·227 | 0·242 | 0·250 | 0·259 | 0·257 | 0·075 |
| 5 | 0·257 | 0·256 | 0·253 | 0·244 | 0·241 | 0·240 | 0·237 | 0·242 | 0·241 | 0·240 | 0·254 | 0·248 | 0·247 | 0·242 | 0·234 | 0·224 | 0·216 | 0·205 | 0·198 | 0·197 | 0·198 | 0·192 | 0·189 | 0·184 | 0·184 | 0·228 |
| 6 | 0·184 | 0·170 | 0·157 | 0·153 | 0·142 | 0·132 | 0·133 | 0·141 | 0·134 | 0·131 | 0·134 | 0·130 | 0·117 | 0·113 | 0·099 | 0·084 | 0·069 | 0·054 | 0·047 | 0·040 | 0·026 | 0·013 | 0·007 | 9·988 | 9·968 | 0·096 |
| 7 | 9·968 | 9·947 | 9·926 | 9·899 | 9·877 | 9·848 | 9·837 | 9·822 | 9·817 | 9·818 | 9·812 | 9·790 | 9·778 | 9·763 | 9·747 | 9·722 | 9·696 | 9·675 | 9·655 | 9·635 | 9·626 | 9·608 | 9·594 | 9·578 | 9·559 | 9·760 |
| 8 | 9·559 | 9·540 | 9·511 | 9·478 | 9·459 | 9·439 | 9·420 | 9·402 | 9·388 | 9·371 | 9·348 | 9·374 | 9·404 | 9·423 | 9·433 | 9·435 | 9·451 | 9·475 | 9·497 | 9·518 | 9·551 | 9·569 | 9·584 | 9·584 | 9·593 | 9·468 |
| 9 | 9·593 | 9·603 | 9·609 | 9·628 | 9·637 | 9·647 | 9·673 | 9·695 | 9·707 | 9·732 | 9·751 | 9·765 | 9·785 | 9·802 | 9·817 | 9·831 | 9·842 | 9·852 | 9·867 | 9·881 | 9·902 | 9·916 | 9·919 | 9·920 | 9·917 | 9·772 |
| 10 | 9·917 | 9·913 | 9·910 | 9·911 | 9·909 | 9·912 | 9·911 | 9·912 | 9·925 | 9·936 | 9·943 | 9·951 | 9·955 | 9·958 | 9·962 | 9·963 | 9·958 | 9·953 | 9·963 | 9·971 | 9·985 | 9·986 | 9·988 | 9·981 | 9·987 | 9·946 |
| 11 | 9·987 | 9·978 | 9·961 | 9·958 | 9·939 | 9·928 | 9·927 | 9·928 | 9·926 | 9·936 | 9·941 | 9·941 | 9·944 | 9·939 | 9·937 | 9·938 | 9·935 | 9·938 | 9·941 | 9·951 | 9·973 | 9·976 | 9·991 | 9·991 | 0·000 | 9·951 |
| 12 | 0·000 | 0·003 | 0·006 | 0·004 | 0·008 | 0·011 | 0·029 | 0·044 | 0·055 | 0·066 | 0·077 | 0·076 | 0·087 | 0·094 | 0·099 | 0·099 | 0·098 | 0·106 | 0·119 | 0·126 | 0·140 | 0·139 | 0·131 | 0·125 | 0·123 | 0·075 |
| 13 | 0·123 | 0·124 | 0·115 | 0·111 | 0·105 | 0·091 | 0·101 | 0·109 | 0·114 | 0·114 | 0·122 | 0·115 | 0·106 | 0·106 | 0·104 | 0·101 | 0·079 | 0·072 | 0·069 | 0·072 | 0·071 | 0·068 | 0·059 | 0·057 | 0·041 | 0·094 |
| 14 | 0·041 | 0·014 | 0·004 | 0·011 | 0·001 | 9·988 | 9·990 | 9·984 | 9·971 | 9·959 | 9·954 | 9·931 | 9·916 | 9·912 | 9·907 | 9·924 | 9·927 | 9·929 | 9·928 | 9·926 | 9·926 | 9·927 | 9·923 | 9·920 | 9·907 | 9·952 |
| 15 | 9·907 | 9·898 | 9·890 | 9·889 | 9·873 | 9·876 | 9·893 | 9·913 | 9·940 | 9·967 | 9·982 | 0·015 | 0·022 | 0·042 | 0·051 | 0·055 | 0·057 | 0·070 | 0·076 | 0·070 | 0·052 | 0·082 | 0·079 | 0·077 | 0·050 | 9·994 |
| 16 | 0·050 | 0·025 | 9·988 | 9·956 | 9·924 | 9·906 | 9·875 | 9·852 | 9·825 | 9·812 | 9·810 | 9·817 | 9·824 | 9·823 | 9·819 | 9·809 | 9·804 | 9·788 | 9·788 | 9·777 | 9·776 | 9·773 | 9·765 | 9·757 | 9·738 | 9·841 |
| 17 | 9·738 | 9·728 | 9·717 | 9·712 | 9·686 | 9·677 | 9·677 | 9·684 | 9·691 | 9·732 | 9·761 | 9·773 | 9·775 | 9·783 | 9·775 | 9·769 | 9·745 | 9·733 | 9·722 | 9·724 | 9·732 | 9·740 | 9·733 | 9·731 | 9·734 | 9·731 |
| 18 | 9·734 | 9·739 | 9·737 | 9·729 | 9·727 | 9·720 | 9·720 | 9·723 | 9·724 | 9·732 | 9·734 | 9·725 | 9·713 | 9·700 | 9·681 | 9·668 | 9·664 | 9·646 | 9·635 | 9·634 | 9·659 | 9·694 | 9·708 | 9·730 | 9·748 | 9·703 |
| 19 | 9·748 | 9·756 | 9·768 | 9·788 | 9·790 | 9·800 | 9·813 | 9·830 | 9·844 | 9·860 | 9·873 | 9·884 | 9·889 | 9·886 | 9·888 | 9·885 | 9·880 | 9·878 | 9·894 | 9·890 | 9·914 | 9·928 | 9·906 | 9·892 | 9·890 | 9·857 |
| 20 | 9·890 | 9·904 | 9·893 | 9·888 | 9·889 | 9·893 | 9·898 | 0·000 | 9·904 | 9·913 | 9·925 | 9·925 | 9·924 | 9·928 | 9·930 | 9·938 | 9·938 | 9·950 | 9·957 | 9·975 | 9·992 | 9·997 | 0·002 | 9·999 | 9·994 | 9·934 |
| 21 | 9·994 | 9·994 | 9·993 | 9·991 | 9·984 | 9·977 | 9·974 | 9·976 | 9·973 | 9·972 | 9·961 | 9·949 | 9·933 | 9·920 | 9·906 | 9·890 | 9·875 | 9·870 | 9·865 | 9·854 | 9·845 | 9·831 | 9·812 | 9·795 | 9·780 | 9·918 |
| 22 | 9·780 | 9·778 | 9·756 | 9·739 | 9·724 | 9·722 | 9·728 | 9·720 | 9·730 | 9·717 | 9·724 | 9·719 | 9·703 | 9·690 | 9·677 | 9·664 | 9·650 | 9·643 | 9·655 | 9·659 | 9·658 | 9·654 | 9·658 | 9·662 | 9·649 | 9·698 |
| 23 | 9·649 | 9·662 | 9·669 | 9·684 | 9·693 | 9·726 | 9·755 | 9·793 | 9·823 | 9·845 | 9·876 | 9·884 | 9·902 | 9·910 | 9·920 | 9·927 | 9·935 | 9·945 | 9·952 | 9·966 | 9·977 | 9·992 | 9·994 | 9·997 | 9·995 | 9·860 |
| 24 | 9·995 | 9·996 | 9·992 | 9·985 | 9·986 | 9·987 | 9·985 | 9·988 | 9·990 | 9·991 | 9·987 | 9·986 | 9·976 | 9·968 | 9·952 | 9·942 | 9·922 | 9·917 | 9·902 | 9·892 | 9·887 | 9·873 | 9·851 | 9·825 | 9·799 | 9·945 |
| 25 | 9·799 | 9·774 | 9·738 | 9·704 | 9·675 | 9·631 | 9·588 | 9·566 | 9·537 | 9·508 | 9·464 | 9·460 | 9·455 | 9·447 | 9·445 | 9·454 | 9·449 | 9·453 | 9·463 | 9·468 | 9·495 | 9·530 | 9·575 | 9·608 | 9·634 | 9·548 |
| 26 | 9·634 | 9·659 | 9·684 | 9·693 | 9·714 | 9·735 | 9·758 | 9·776 | 9·793 | 9·814 | 9·840 | 9·847 | 9·848 | 9·840 | 9

VALENCIA. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10 | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 23 | 43 | 24 | 41 | 24 | 40 | 26 | 37 | 27 | 29 | 27 | 26 | 28 | 30 | 27 | 28 | 27 | 26 | 27 | 23 | 28 | 19 | 28 | 21 |
| 2 | 24 | 15 | 25 | 15 | 25 | 15 | 24 | 16 | 24 | 16 | 26 | 14 | 26 | 12 | 29 | 10 | 30 | 11 | 32 | 9 | 2 | 10 | 2 | 10 |
| 3 | 11 | 12 | 10 | 18 | 10 | 18 | 10 | 16 | 9 | 14 | 10 | 13 | 10 | 12 | 9 | 15 | 9 | 12 | 14 | 4 | 15 | 5 | 15 | 5 |
| 4 | 5 | 13 | 3 | 17 | 3 | 15 | 3 | 14 | 2 | 15 | 4 | 13 | 3 | 14 | 2 | 17 | 3 | 15 | 2 | 13 | 2 | 11 | 1 | 11 |
| 5 | — | 3 | 4 | 4 | 4 | 4 | 4 | 6 | 4 | 5 | 4 | 4 | 4 | 4 | 9 | 4 | 20 | 12 | 21 | 12 | 21 | 12 | 21 | 12 |
| 6 | 20 | 11 | 20 | 12 | 20 | 12 | 20 | 9 | 17 | 8 | 16 | 7 | 17 | 5 | 17 | 8 | 17 | 9 | 16 | 8 | 16 | 9 | 16 | 10 |
| 7 | 16 | 15 | 16 | 15 | 16 | 13 | 16 | 14 | 17 | 16 | 17 | 18 | 17 | 18 | 16 | 20 | 17 | 17 | 16 | 17 | 16 | 20 | 16 | 17 |
| 8 | 17 | 10 | 17 | 7 | 16 | 7 | 17 | 8 | 17 | 8 | 17 | 10 | 17 | 11 | 19 | 10 | 17 | 10 | 21 | 21 | 25 | 26 | 24 | 32 |
| 9 | 27 | 23 | 26 | 28 | 27 | 27 | 25 | 30 | 25 | 26 | 27 | 25 | 27 | 21 | 28 | 21 | 28 | 22 | 28 | 23 | 29 | 19 | 28 | 22 |
| 10 | 31 | 10 | 30 | 12 | 30 | 10 | 2 | 9 | 2 | 7 | 1 | 7 | 1 | 7 | 32 | 13 | 2 | 8 | 31 | 10 | 1 | 11 | 1 | 12 |
| 11 | 32 | 9 | 32 | 7 | 29 | 10 | 28 | 12 | 27 | 11 | 29 | 8 | 29 | 7 | 29 | 6 | 32 | 7 | 32 | 9 | 32 | 8 | 31 | 10 |
| 12 | 2 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 0 | — | 1 | 13 | 4 | 19 | 4 |
| 13 | 16 | 5 | 16 | 7 | 16 | 6 | 20 | 7 | 16 | 7 | 16 | 7 | 20 | 7 | 20 | 7 | 16 | 7 | 16 | 11 | 16 | 11 | 18 | 12 |
| 14 | 15 | 15 | 15 | 16 | 16 | 18 | 16 | 16 | 15 | 14 | 15 | 15 | 15 | 13 | 15 | 15 | 15 | 16 | 15 | 16 | 15 | 16 | 16 | 18 |
| 15 | 19 | 7 | 19 | 5 | 19 | 6 | 21 | 14 | 22 | 15 | 23 | 15 | 25 | 18 | 25 | 19 | 27 | 15 | 28 | 21 | 28 | 18 | 28 | 18 |
| 16 | 15 | 9 | 15 | 13 | 15 | 15 | 15 | 16 | 15 | 16 | 15 | 16 | 15 | 18 | 15 | 16 | 16 | 18 | 18 | 18 | 17 | 18 | 17 | 15 |
| 17 | 15 | 18 | 15 | 16 | 15 | 19 | 15 | 19 | 15 | 20 | 15 | 21 | 15 | 18 | 18 | 18 | 20 | 15 | 21 | 12 | 21 | 7 | 20 | 5 |
| 18 | 16 | 7 | 16 | 8 | 16 | 7 | 16 | 7 | 16 | 9 | 16 | 9 | 16 | 10 | 15 | 11 | 15 | 10 | 16 | 10 | 14 | 15 | 14 | 15 |
| 19 | — | 1 | — | 2 | — | 3 | — | 3 | — | 1 | — | 2 | 12 | 4 | 11 | 4 | 13 | 6 | 15 | 7 | 15 | 7 | 16 | 7 |
| 20 | — | 2 | — | 2 | — | 2 | — | 1 | 6 | 5 | 6 | 4 | 6 | 4 | — | 3 | — | 1 | — | 3 | 6 | 5 | 6 | 6 |
| 21 | — | 3 | — | 3 | — | 2 | 3 | 6 | 3 | 4 | 3 | 5 | 3 | 5 | 4 | 7 | — | 2 | — | 2 | — | 2 | — | 3 |
| 22 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | 12 | 4 | 10 | 8 | 14 | 6 | 13 | 10 | 13 | 8 | 13 | 13 | 13 | 14 |
| 23 | — | 3 | — | 2 | — | 2 | — | 1 | 1 | 6 | 29 | 12 | 27 | 22 | 28 | 18 | 27 | 19 | 28 | 18 | 28 | 18 | 28 | 18 |
| 24 | — | 3 | 2 | 4 | 2 | 4 | — | 1 | — | 1 | 11 | 4 | — | 2 | 7 | 7 | 7 | 6 | 7 | 4 | 14 | 5 | 16 | 8 |
| 25 | 15 | 17 | 15 | 15 | 15 | 18 | 15 | 21 | 15 | 21 | 15 | 23 | 15 | 27 | 15 | 27 | 15 | 26 | 15 | 22 | 18 | 15 | 16 | 10 |
| 26 | 22 | 21 | 22 | 18 | 22 | 21 | 22 | 15 | 22 | 18 | 22 | 14 | 22 | 13 | 22 | 15 | 22 | 12 | 25 | 10 | 23 | 8 | 22 | 11 |
| 27 | 15 | 15 | 14 | 14 | 14 | 12 | 14 | 15 | 13 | 15 | 9 | 15 | 10 | 15 | 10 | 17 | 10 | 14 | 10 | 8 | 13 | 9 | 15 | 9 |
| 28 | 14 | 11 | 15 | 10 | 14 | 14 | 16 | 13 | 16 | 12 | 16 | 15 | 16 | 13 | 16 | 11 | 16 | 12 | 16 | 10 | 16 | 10 | 15 | 10 |
| 29 | 15 | 19 | 15 | 21 | 15 | 21 | 15 | 23 | 15 | 22 | 15 | 23 | 15 | 22 | 15 | 23 | 15 | 23 | 15 | 21 | 15 | 21 | 16 | 22 |
| 30 | 15 | 17 | 15 | 16 | 15 | 16 | 15 | 17 | 15 | 18 | 15 | 17 | 15 | 15 | 15 | 17 | 15 | 16 | 15 | 15 | 15 | 15 | 15 | 17 |
| Mean ... | — | 11 | — | 12 | — | 12 | — | 12 | — | 12 | — | 12 | — | 13 | — | 13 | — | 13 | — | 12 | — | 12 | — | 13 |
| Mean, 1881–1905. | — | 9·8 | — | 10·0 | — | 10·0 | — | 10·1 | — | 10·1 | — | 10·1 | — | 10·0 | — | 10·2 | — | 11·1 | — | 11·7 | — | 12·0 | — | 13·3 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor formerly used in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

VALENCIA. TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. SEPTEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | 02 | 01 | 01 | 02 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 | 01 | — | — | — | 09 |
| 2 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 3 | — | — | 02 | 12 | 08 | 01 | — | — | — | — | — | 01 | 04 | 07 | 08 | 08 | 07 | 08 | 03 | 11 | 01 | — | — | — | 81 |
| 4 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | 01 | — | — | 01 | 02 | — | 05 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 04 | 06 | 04 | — | — | — | 01 | — | 16 |
| 8 | — | — | — | — | — | 01 | — | — | — | 16 | 03 | — | 01 | — | 04 | 03 | 01 | — | — | — | 02 | — | 06 | 37 |
| 9 | — | — | 01 | — | 02 | 01 | — | 03 | — | — | 01 | — | — | — | — | — | 03 | 04 | — | 01 | 02 | — | 02 | — | 20 |
| 10 | — | — | 01 | 02 | 05 | — | — | — | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 12 |
| 11 | — | 01 | — | — | — | — | — | — | 01 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 03 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 |
| 13 | — | — | — | 02 | — | — | 06 | 04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | — | 14 |
| 14 | — | — | — | 01 | 04 | 13 | 07 | 07 | 34 | 13 | 03 | 15 | 09 | 01 | 01 | — | — | — | — | — | — | — | — | — | 108 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | 05 | 11 | 14 | 22 | 05 | 01 | — | — | — | — | 01 | 03 | 02 | 01 | — | — | — | — | — | — | 58 |
| | | | | | | | | 05 | — | 01 | 02 | — | — | | | | | | — | — | — | — | — | — | 15 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 10 | 02 | 02 | — | — | 14 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 07 | 05 | 01 | — | 15 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | 01 | 01 | — | 01 | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 05 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 25 | — | — | — | — | — | — | 03 | 20 | 24 | 15 | 03 | 02 | 03 | 06 | — | — | — | — | — | — | — | 01 | — | — | 145 |
| 26 | — | — | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 06 | 01 | — | — | 02 |
| 27 | — | 01 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 28 | — | — | — | 04 | — | 02 | 01 | — | — | — | — | — | — | 01 | 06 | 10 | 03 | 11 | 01 | 05 | — | — | — | 02 | 46 |
| 29 | 01 | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 13 | 119 | — | 136 |
| 30 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | 11 | 05 | 02 | 01 | 02 | — | — | — | — | 22 |
| Sum ... | 02 | 04 | 10 | 23 | 26 | 34 | 33 | 62 | 68 | 46 | 72 | 19 | 17 | 16 | 23 | 35 | 24 | 32 | 12 | 37 | 18 | 21 | 126 | 09 | 769 |
| Average 1871–1905. | ·201 | ·201 | ·235 | ·215 | ·213 | ·182 | ·202 | ·199 | ·206 | ·148 | ·155 | ·171 | ·141 | ·161 | ·167 | ·189 | ·229 | ·202 | ·217 | ·197 | ·187 | ·210 | ·214 | ·214 | 4·654 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. SEPTEMBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 27 | 19 | 27 | 17 | 25 | 19 | 25 | 16 | 25 | 15 | 24 | 12 | 24 | 17 | 25 | 19 | 25 | 18 | 25 | 21 | 25 | 19 | 25 | 15 | 24 | 1 |
| 2 | 7 | 5 | 8 | — | 2 | — | 3 | 5 | 4 | 5 | 7 | 6 | 7 | 7 | 10 | 8 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 2 |
| 16 | 5 | 16 | 7 | 16 | 7 | 16 | 7 | 16 | 7 | 11 | 6 | 17 | 5 | 22 | 5 | 23 | 5 | 24 | 3 | 15 | 2 | 18 | 13 | 3 | 3 |
| 32 | 11 | 32 | 11 | 32 | 11 | 32 | 10 | 30 | 12 | 30 | 10 | 30 | 6 | 30 | 5 | — | 3 | — | 2 | — | 2 | 4 | 4 | 11 | 4 |
| 20 | 16 | 20 | 15 | 20 | 16 | 21 | 15 | 21 | 13 | 20 | 12 | 20 | 11 | 20 | 11 | 20 | 12 | 20 | 11 | 20 | 13 | 10 | 5 | 10 | 5 |
| 16 | 9 | 17 | 10 | 17 | 10 | 18 | 8 | 18 | 7 | 18 | 7 | 17 | 8 | 16 | 9 | 16 | 10 | 17 | 10 | 17 | 12 | 16 | 14 | 9 | 6 |
| 15 | 15 | 15 | 18 | 15 | 15 | 15 | 16 | 15 | 15 | 15 | 16 | 15 | 17 | 15 | 13 | 15 | 14 | 17 | 14 | 16 | 11 | 16 | 9 | 16 | 7 |
| 23 | 31 | 23 | 29 | 23 | 27 | 25 | 34 | 25 | 32 | 25 | 32 | 25 | 26 | 25 | 30 | 26 | 29 | 25 | 29 | 25 | 30 | 25 | 28 | 22 | 8 |
| 28 | 22 | 28 | 21 | 28 | 19 | 30 | 21 | 31 | 19 | 30 | 15 | 30 | 15 | 29 | 16 | 30 | 15 | 31 | 13 | 29 | 15 | 30 | 10 | 20 | 9 |
| 30 | 15 | 31 | 17 | 31 | 15 | 31 | 15 | 31 | 15 | 29 | 14 | 31 | 14 | 31 | 12 | 29 | 10 | 30 | 13 | 1 | 9 | 32 | 12 | 12 | 10 |
| 30 | 12 | 30 | 12 | 29 | 10 | 27 | 10 | 31 | 10 | 32 | 7 | 32 | 9 | 32 | 10 | 32 | 7 | 32 | 6 | 2 | 10 | 2 | 6 | 9 | 11 |
| 21 | 5 | 23 | 7 | 23 | 7 | 22 | 6 | 21 | 7 | 21 | 4 | — | 3 | — | 2 | 18 | 5 | 16 | 6 | 16 | 5 | 17 | 7 | 4 | 12 |
| 18 | 14 | 17 | 12 | 15 | 12 | 15 | 13 | 15 | 14 | 15 | 15 | 15 | 11 | 16 | 13 | 16 | 16 | 16 | 17 | 16 | 16 | 16 | 15 | 11 | 13 |
| 17 | 18 | 16 | 16 | 21 | 11 | 21 | 11 | 21 | 8 | 21 | 7 | 21 | 6 | — | 3 | 19 | 4 | 19 | 7 | 19 | 8 | 19 | 7 | 12 | 14 |
| 28 | 16 | 27 | 15 | 27 | 12 | 25 | 12 | 26 | 10 | 25 | 7 | — | 2 | 16 | 4 | — | 2 | 14 | 6 | 14 | 7 | 15 | 7 | 11 | 15 |
| 17 | 18 | 17 | 16 | 17 | 18 | 16 | 18 | 15 | 18 | 15 | 18 | 15 | 19 | 15 | 16 | 15 | 17 | 15 | 18 | 15 | 15 | 15 | 17 | 17 | 16 |
| 17 | 6 | 16 | 6 | 15 | 7 | 15 | 9 | 16 | 7 | 16 | 7 | 16 | 7 | 16 | 7 | 16 | 7 | 16 | 9 | 17 | 10 | 16 | 7 | 12 | 17 |
| 15 | 15 | 15 | 18 | 14 | 21 | 15 | 19 | 15 | 18 | 15 | 15 | 15 | 16 | 15 | 15 | 16 | 10 | 15 | 10 | 17 | 5 | 18 | 5 | 12 | 18 |
| 16 | 7 | 16 | 5 | 16 | 5 | — | 3 | — | 2 | 15 | 4 | 15 | 4 | 15 | 6 | 15 | 5 | 6 | 6 | 6 | 4 | — | 3 | 4 | 19 |
| 25 | 7 | 25 | 7 | 25 | 5 | 25 | 6 | 25 | 7 | 25 | 7 | — | 1 | — | 1 | — | 1 | — | 3 | 25 | 4 | — | 3 | 4 | 20 |
| — | 3 | 23 | 6 | 23 | 9 | 23 | 8 | 23 | 7 | — | 2 | — | 1 | 9 | 4 | 7 | 4 | — | 3 | 7 | 4 | — | 3 | 4 | 21 |
| 13 | 15 | 13 | 12 | 13 | 12 | 12 | 14 | 11 | 14 | 11 | 12 | 12 | 10 | 14 | 12 | 13 | 15 | 13 | 15 | 13 | 11 | 13 | 11 | 9 | 22 |
| 28 | 18 | 28 | 14 | 28 | 10 | 28 | 8 | 28 | 6 | 27 | 4 | — | 2 | — | 2 | — | 2 | 2 | 4 | — | 3 | — | 2 | 9 | 23 |
| 16 | 8 | 16 | 9 | 16 | 10 | 16 | 11 | 15 | 12 | 16 | 11 | 16 | 11 | 16 | 11 | 15 | 15 | 15 | 15 | 15 | 16 | 15 | 15 | 8 | 24 |
| 16 | 13 | 16 | 12 | 16 | 12 | 17 | 15 | 19 | 18 | 19 | 14 | 21 | 23 | 21 | 23 | 22 | 24 | 23 | 28 | 22 | 23 | 22 | 21 | 20 | 25 |
| 22 | 15 | 22 | 13 | 22 | 10 | 22 | 7 | 19 | 7 | 18 | 5 | 17 | 7 | 15 | 10 | 15 | 10 | 15 | 9 | 14 | 12 | 14 | 12 | 12 | 26 |
| 17 | 11 | 20 | 7 | — | 3 | 20 | 4 | 17 | 5 | 17 | 7 | 15 | 10 | 14 | 9 | 12 | 12 | 14 | 15 | 14 | 14 | 14 | 15 | 11 | 27 |
| 15 | 11 | 15 | 12 | 15 | 12 | 15 | 12 | 15 | 13 | 15 | 15 | 15 | 18 | 15 | 16 | 15 | 17 | 15 | 18 | 15 | 17 | 15 | 16 | 13 | 28 |
| 15 | 21 | 15 | 18 | 15 | 19 | 15 | 17 | 15 | 16 | 15 | 19 | 15 | 17 | 15 | 15 | 15 | 15 | 15 | 13 | 15 | 15 | 15 | 16 | 19 | 29 |
| 15 | 20 | 15 | 17 | 15 | 16 | 15 | 13 | 15 | 15 | 15 | 15 | 15 | 13 | 15 | 16 | 15 | 17 | 15 | 15 | 15 | 18 | 15 | 18 | 16 | 30 |
| — | 13 | — | 13 | — | 12 | — | 12 | — | 12 | — | 11 | — | 11 | — | 11 | — | 12 | — | 12 | — | 12 | — | 11 | 12 | |
| — | 13·7 | — | 13·5 | — | 13·6 | — | 13·1 | — | 12·5 | — | 11·4 | — | 10·6 | — | 10·0 | — | 10·1 | — | 10·0 | — | 10 0 | — | 10·0 | 11·1 | Mean, 1881–1905. |

VALENCIA. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. SEPTEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·3 | ·2 | — | ·4 | 1·0 | 1·0 | ·5 | ·8 | ·8 | ·5 | ·4 | — | — | — | 5·9 | Squally to fair; ●◍. |
| 2 | — | — | — | ·1 | ·1 | ·9 | 1·0 | 1·0 | ·4 | — | — | — | — | — | — | — | — | 3·5 | A.M. fair; P.M. dull. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy, with ● and ≋◍. |
| 4 | — | — | — | ·9 | ·9 | 1·0 | ·8 | ·4 | 1·0 | 1·0 | ·6 | ·7 | 1·0 | 1·0 | ·3 | — | — | 9·6 | Fair. |
| 5 | — | — | — | ·8 | ·1 | — | ·3 | ·2 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | 7·4 | A.M. cloudy; P.M. fine. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋◍ and ●◍ at night. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and misty, with ● P.M. |
| 8 | — | — | — | — | — | — | — | — | — | ·5 | ·6 | — | — | — | — | — | — | 1·1 | Dull and squally, with ●. |
| 9 | — | — | — | — | — | — | — | ·05 | ·05 | — | ·1 | ·6 | ·9 | ·2 | — | — | — | 1·9 | ● and squally; fair interval in afternoon. |
| 10 | — | — | — | ·8 | ·9 | ·4 | 1·0 | ·6 | ·3 | ·9 | ·9 | ·1 | ·4 | — | — | — | — | 6·3 | ● early, then fair. |
| 11 | — | — | — | — | ·1 | ·4 | 1·0 | ·9 | 1·0 | ·8 | ·1 | ·1 | ·4 | ·6 | — | — | — | 5·4 | ●◍ showers, but generally fair. |
| 12 | — | — | — | — | — | — | ·1 | ·4 | ·1 | ·6 | ·9 | 1·0 | ·1 | — | ·1 | — | — | 3·3 | Misty to fine. |
| 13 | — | — | — | — | — | ·1 | ·2 | ·8 | ·5 | ·2 | — | — | ·4 | ·1 | — | — | — | 2·3 | [looking at night. ●◍ showers early; cloudy day, gloomy. |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●◍ and ≋◍ during day; evening fair. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 16 | — | — | — | ·1 | ·5 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | 9·7 | Fine. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty, with ●◍ A.M. |
| | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ≋◍ and ●. |
| 18 | — | — | — | — | — | ·3 | ·2 | ·3 | ·4 | ·2 | ·6 | ·6 | 1·0 | ·1 | — | — | — | 3·6 | Fair to dull; ≋◍ and ● at night. |
| 19 | — | — | — | — | ·7 | 1·0 | 1·0 | ·7 | — | ·3 | ·3 | — | — | — | — | — | — | 4·0 | Fair, with good visibility to gloomy. |
| 20 | — | — | — | ·4 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | 10·5 | Fine. [with ●. |
| 21 | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·9 | ·6 | ·5 | ·8 | 1·0 | ·5 | ·7 | ·3 | — | — | 8·8 | ⊂, fine. |
| 22 | — | — | — | — | — | — | ·1 | ·2 | — | ·1 | — | — | — | — | — | — | — | 0·4 | Overcast most of day, but good visibility. |
| 23 | — | — | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | ·1 | — | — | 7·1 | ●◍ and dull, to fine. |
| 24 | — | — | — | — | — | ·1 | ·8 | 1·0 | ·8 | 1·0 | ·8 | ·5 | ·3 | — | — | — | — | 5·3 | ≋ early, then fair. |
| 25 | — | — | — | — | — | — | — | — | ·3 | ·3 | ·1 | ·8 | ·4 | ·3 | — | — | — | 2·2 | ●◍ and ≋◍ A.M.; improving somewhat P.M. |
| 26 | — | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | — | 1·0 | Unsettled-looking to very dull. |
| 27 | — | — | — | ·1 | ·1 | ·4 | — | ·1 | ·1 | ·1 | ·3 | 1·0 | ·8 | ·2 | — | — | — | 2·9 | Dull to cloudy. |
| 28 | — | — | — | — | — | — | ·3 | ·1 | ·1 | — | — | — | — | — | — | — | — | — | Misty day, with ●. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and misty all day; ⊼, ●◍, 22h.–23h. |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day; T < A.M. and ● P.M. |
| | — | — | — | 4·0 | 5·3 | 7·6 | 10·3 | 11·55 | 10·55 | 11·1 | 10·8 | 11·2 | 10·7 | 7·6 | 1·5 | — | — | 102·2 | Total. |
| | — | — | 0·63 | 5·68 | 10·22 | 12·25 | 13·30 | 13·55 | 13·84 | 13·96 | 13·73 | 12·87 | 11·41 | 7·05 | 1·57 | 0·02 | — | 130·06 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. SEPTEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 53·4 | 54·5 | 54·9 | 55·3 | 54·4 | 55·1 | 54·9 | 55·9 | 56·6 | 57·3 | 57·4 | 57·9 | 58·3 | 59·2 | 58·7 | 59·7 | 59·1 | 58·4 | 56·4 | 55·6 | 55·0 | 54·9 | 54·7 | 54·9 | 54·9 | 56·4 |
| 2 | 54·9 | 54·9 | 54·7 | 54·8 | 54·7 | 54·8 | 54·8 | 54·7 | 55·1 | 54·7 | 56·1 | 57·9 | 57·4 | 57·7 | 57·3 | 57·7 | 57·7 | 56·2 | 55·7 | 54·9 | 54·9 | 54·8 | 55·3 | 55·3 | 55·8 | 55·7 |
| 3 | 55·8 | 55·8 | 55·8 | 55·8 | 54·8 | 53·9 | 54·5 | 55·9 | 56·4 | 57·3 | 60·4 | 61·8 | 60·6 | 60·2 | 60·2 | 59·8 | 60·2 | 60·0 | 56·7 | 53·3 | 51·1 | 49·9 | 49·8 | 50·1 | 50·4 | 56·1 |
| 4 | 50·4 | 50·8 | 51·4 | 51·6 | 51·7 | 51·8 | 51·2 | 51·0 | 52·6 | 53·5 | 54·9 | 56·5 | 56·7 | 57·1 | 58·2 | 57·9 | 57·4 | 56·7 | 55·7 | 54·1 | 52·0 | 51·0 | 48·7 | 46·9 | 44·7 | 53·2 |
| 5 | 44·7 | 42·9 | 42·4 | 41·9 | 42·6 | 43·2 | 43·5 | 44·3 | 50·2 | 54·9 | 56·7 | 58·9 | 58·7 | 60·2 | 60·3 | 60·5 | 59·9 | 59·6 | 57·9 | 56·8 | 56·3 | 55·9 | 55·6 | 55·9 | 56·1 | 52·9 |
| 6 | 56·1 | 57·0 | 57·4 | 57·5 | 57·5 | 57·4 | 57·2 | 57·2 | 58·3 | 59·4 | 59·1 | 58·7 | 59·6 | 61·1 | 61·4 | 61·4 | 61·5 | 60·0 | 60·4 | 59·9 | 59·5 | 59·6 | 59·6 | 59·1 | 58·9 | 59·1 |
| 7 | 58·9 | 59·4 | 59·4 | 59·4 | 59·4 | 59·9 | 59·5 | 59·8 | 60·4 | 60·3 | 60·1 | 61·6 | 61·1 | 60·9 | 60·6 | 60·9 | 59·1 | 58·7 | 58·0 | 58·3 | 58·7 | 58·7 | 59·3 | 59·3 | 59·0 | 59·7 |
| 8 | 59·0 | 59·1 | 59·2 | 58·9 | 57·7 | 57·9 | 57·2 | 57·2 | 57·2 | 58·3 | 57·9 | 54·7 | 55·3 | 54·8 | 55·9 | 55·1 | 52·9 | 52·6 | 53·1 | 53·5 | 52·9 | 53·0 | 53·4 | 52·7 | 51·4 | 55·7 |
| 9 | 51·4 | 52·7 | 53·2 | 52·1 | 52·7 | 52·9 | 51·3 | 51·0 | 51·7 | 51·8 | 52·9 | 52·4 | 53·7 | 52·0 | 53·7 | 54·7 | 54·1 | 53·3 | 50·5 | 51·4 | 50·9 | 49·1 | 48·9 | 50·0 | 48·6 | 51·9 |
| 10 | 48·6 | 48·7 | 49·7 | 48·6 | 47·5 | 47·7 | 47·1 | 48·3 | 50·4 | 50·8 | 51·1 | 52·1 | 52·4 | 52·0 | 53·7 | 53·8 | 54·2 | 53·5 | 51·1 | 51·6 | 51·7 | 51·6 | 51·4 | 49·9 | 50·5 | 50·8 |
| 11 | 50·5 | 50·4 | 50·5 | 50·3 | 50·5 | 50·6 | 50·4 | 50·3 | 51·6 | 52·2 | 52·1 | 52·9 | 53·9 | 54·3 | 54·6 | 53·7 | 53·5 | 53·3 | 52·3 | 51·9 | 52·0 | 51·8 | 51·7 | 51·8 | 51·4 | 52·0 |
| 12 | 51·4 | 51·1 | 50·7 | 49·3 | 46·9 | 43·8 | 43·4 | 43·8 | 46·3 | 48·9 | 51·0 | 54·8 | 56·5 | 57·2 | 56·9 | 55·9 | 57·0 | 55·9 | 54·4 | 53·4 | 51·5 | 51·0 | 51·5 | 52·6 | 51·5 | 51·5 |
| 13 | 51·5 | 52·5 | 51·6 | 52·7 | 52·7 | 51·7 | 52·5 | 53·0 | 53·5 | 54·7 | 56·2 | 58·4 | 59·2 | 60·0 | 59·9 | 60·6 | 59·4 | 59·7 | 57·8 | 57·7 | 57·7 | 58·3 | 58·4 | 57·9 | 57·8 | 56·3 |
| 14 | 57·8 | 57·9 | 57·3 | 58·3 | 58·2 | 57·4 | 57·4 | 57·8 | 57·4 | 57·7 | 57·3 | 57·4 | 57·5 | 58·2 | 58·4 | 58·0 | 57·9 | 57·9 | 57·0 | 56·2 | 55·2 | 55·0 | 54·9 | 55·4 | 55·4 | 57·2 |
| 15 | 55·4 | 54·7 | 53·5 | 53·7 | 52·8 | 52·8 | 52·6 | 52·7 | 53·0 | 53·2 | 54·6 | 55·3 | 55·9 | 56·8 | 56·3 | 56·7 | 56·7 | 55·5 | 54·9 | 51·2 | 49·6 | 49·6 | 51·0 | 51·5 | 52·3 | 53·7 |
| 16 | 52·3 | 52·9 | 53·8 | 54·3 | 54·4 | 54·2 | 54·4 | 54·9 | 55·8 | 57·7 | 58·6 | 59·7 | 59·4 | 59·7 | 59·9 | 60·1 | 60·5 | 61·9 | 61·2 | 61·3 | 59·4 | 59·7 | 59·8 | 59·9 | 59·9 | 57·9 |
| 17 | 59·9 | 60·4 | 59·9 | 60·0 | 60·0 | 60·3 | 60·1 | 60·0 | 61·4 | 58·9 | 58·7 | 59·0 | 58·9 | 59·1 | 59·0 | 57·9 | 57·6 | 58·1 | 58·2 | 57·6 | 57·2 | 57·2 | 56·9 | 56·2 | 55·1 | 58·8 |
| 18 | 55·1 | 54·5 | 54·5 | 55·4 | 55·8 | 55·9 | 55·5 | 56·3 | 57·4 | 58·1 | 59·3 | 59·9 | 60·4 | 61·8 | 62·5 | 61·4 | 61·8 | 60·4 | 59·3 | 58·8 | 58·3 | 56·6 | 56·0 | 54·9 | 53·5 | 57·9 |
| 19 | 53·5 | 52·2 | 50·6 | 51·5 | 51·0 | 50·0 | 51·2 | 52·4 | 53·4 | 55·7 | 57·4 | 59·1 | 59·5 | 59·5 | 60·2 | 60·1 | 59·2 | 57·9 | 56·9 | 55·9 | 55·4 | 53·5 | 52·4 | 51·7 | 51·4 | 55·0 |
| 20 | 51·4 | 50·8 | 50·4 | 49·4 | 46·8 | 46·5 | 45·9 | 46·1 | 48·7 | 52·9 | 55·3 | 57·6 | 58·7 | 58·5 | 58·2 | 58·6 | 57·8 | 57·2 | 55·4 | 53·4 | 50·7 | 49·9 | 47·6 | 46·7 | 45·9 | 52·2 |
| 21 | 45·9 | 44·9 | 44·7 | 44·2 | 41·4 | 41·4 | 41·4 | 41·5 | 41·2 | 43·8 | 49·2 | 52·4 | 55·3 | 55·8 | 58·5 | 57·6 | 58·4 | 58·2 | 56·9 | 56·1 | 51·8 | 50·1 | 47·8 | 47·5 | 46·6 | 46·9 | 49·7 |
| 22 | 46·9 | 48·2 | 49·3 | 48·4 | 46·3 | 45·2 | 46·3 | 51·5 | 53·2 | 54·5 | 56·2 | 58·4 | 58·6 | 59·2 | 59·8 | 59·9 | 58·8 | 57·9 | 57·4 | 56·8 | 55·9 | 55·9 | 55·8 | 55·9 | 55·7 | 54·2 |
| 23 | 55·7 | 55·7 | 55·2 | 54·9 | 54·7 | 54·9 | 55·2 | 53·8 | 53·5 | 54·1 | 54·9 | 55·4 | 55·9 | 56·6 | 56·4 | 56·2 | 56·1 | 56·4 | 55·8 | 52·9 | 51·9 | 49·3 | 49·6 | 49·4 | 48·2 | 54·2 |
| 24 | 48·2 | 48·7 | 47·5 | 50·3 | 50·2 | 51·0 | 52·3 | 52·2 | 52·8 | 53·9 | 55·7 | 59·2 | 60·8 | 60·1 | 60·6 | 60·9 | 60·0 | 58·9 | 58·0 | 57·5 | 56·9 | 56·9 | 57·3 | 57·2 | 57·3 | 55·5 |
| 25 | 57·3 | 57·4 | 57·3 | 56·9 | 56·9 | 56·8 | 56·7 | 56·8 | 56·6 | 56·4 | 56·5 | 55·7 | 54·6 | 56·7 | 53·6 | 55·7 | 56·2 | 55·2 | 54·3 | 53·8 | 53·8 | 54·4 | 54·2 | 53·7 | 53·9 | 55·7 |
| 26 | 53·9 | 54·0 | 53·8 | 54·1 | 53·5 | 53·5 | 53·1 | 53·4 | 53·6 | 55·1 | 55·3 | 57·8 | 58·7 | 58·7 | 58·4 | 58·6 | 58·2 | 57·1 | 55·0 | 53·7 | 53·9 | 54·5 | 54·3 | 54·9 | 55·2 | 55·3 |
| 27 | 55·2 | 55·5 | 55·4 | 54·3 | 54·8 | 55·3 | 55·5 | 56·4 | 56·6 | 58·4 | 61·0 | 63·1 | 65·1 | 62·9 | 61·0 | 61·9 | 61·9 | 60·4 | 57·9 | 56·9 | 56·4 | 58·9 | 58·9 | 59·7 | 58·9 | 58·6 |
| 28 | 58·9 | 59·8 | 59·5 | 59·9 | 59·5 | 59·7 | 60·1 | 59·7 | 59·5 | 59·7 | 59·7 | 59·9 | 60·2 | 61·3 | 60·2 | 60·5 | 59·9 | 60·2 | 60·5 | 60·8 | 60·5 | 60·9 | 60·4 | 60·2 | 60·2 | 60·1 |
| 29 | 60·2 | 60·4 | 60·6 | 60·7 | 60·6 | 60·6 | 60·7 | 60·9 | 61·4 | 61·7 | 61·8 | 61·8 | 61·9 | 62·4 | 61·6 | 62·0 | 61·6 | 61·8 | 61·8 | 61·6 | 61·2 | 60·5 | 60·5 | 60·5 | 60·8 | 61·3 |
| 30 | 60·8 | 60·9 | 60·9 | 60·9 | 60·8 | 60·8 | 60·9 | 60·7 | 60·7 | 60·9 | 60·9 | 61·3 | 61·4 | 61·7 | 61·5 | 61·4 | 61·1 | 60·9 | 60·8 | 60·9 | 61·1 | 60·9 | 60·6 | 60·9 | 60·5 | 61·0 |
| Mean ... | 53·8 | 54·0 | 53·8 | 53·8 | 53·4 | 53·3 | 53·2 | 53·6 | 54·6 | 55·7 | 56·7 | 57·8 | 58·2 | 58·6 | 58·6 | 58·7 | 58·3 | 57·8 | 56·7 | 55·8 | 55·1 | 54·7 | 54·5 | 54·4 | 54·1 | 55·6 |
| Mean, 1871–1905. | 54·8 | 54·7 | 54·5 | 54·4 | 54·2 | 54·2 | 54·0 | 54·3 | 55·2 | 56·5 | 57·6 | 58·6 | 59·1 | 59·7 | 59·7 | 59·7 | 59·2 | 58·7 | 57·7 | 56·6 | 55·9 | 55·5 | 55·2 | 55·0 | 54·7 | 56·4 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). SEPTEMBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 86 | 84 | 82 | 83 | 84 | 80 | 80 | 76 | 78 | 78 | 77 | 78 | 77 | 77 | 75 | 77 | 77 | 78 | 89 | 87 | 86 | 87 | 86 | 85 | 84 | 81·1 |
| 2 | 84 | 84 | 87 | 87 | 86 | 82 | 85 | 81 | 82 | 83 | 76 | 71 | 70 | 70 | 71 | 71 | 71 | 72 | 72 | 72 | 72 | 73 | 73 | 74 | 72 | 76·8 |
| 3 | 72 | 73 | 73 | 75 | 84 | 91 | 91 | 90 | 89 | 86 | 84 | 83 | 92 | 96 | 97 | 96 | 98 | 98 | 98 | 97 | 94 | 96 | 91 | 89 | 86 | 89·2 |
| 4 | 86 | 86 | 83 | 83 | 83 | 82 | 84 | 84 | 83 | 80 | 77 | 75 | 70 | 71 | 70 | 66 | 70 | 68 | 68 | 70 | 73 | 76 | 81 | 89 | 91 | 93 | 77·8 |
| 5 | 93 | 95 | 95 | 97 | 94 | 93 | 94 | 94 | 91 | 85 | 78 | 75 | 76 | 74 | 74 | 76 | 78 | 78 | 84 | 86 | 87 | 89 | 90 | 89 | 89 | 86·0 |
| 6 | 89 | 89 | 89 | 90 | 91 | 92 | 92 | 90 | 90 | 90 | 91 | 95 | 95 | 95 | 94 | 94 | 94 | 95 | 96 | 95 | 97 | 97 | 97 | 97 | 99 | 93·3 |
| 7 | 99 | 99 | 99 | 99 | 99 | 99 | 98 | 93 | 93 | 93 | 92 | 87 | 89 | 90 | 89 | 90 | 92 | 93 | 96 | 97 | 97 | 97 | 98 | 97 | 99 | 94·8 |
| 8 | 99 | 98 | 98 | 100 | 99 | 97 | 98 | 96 | 93 | 94 | 93 | 94 | 89 | 89 | 86 | 87 | 89 | 80 | 78 | 78 | 78 | 77 | 77 | 82 | 90 | 89·3 |
| 9 | 90 | 81 | 79 | 85 | 81 | 79 | 80 | 84 | 82 | 82 | 76 | 84 | 74 | 79 | 70 | 67 | 67 | 76 | 85 | 79 | 73 | 80 | 85 | 77 | 81 | 78·8 |
| 10 | 81 | 81 | 76 | 79 | 85 | 83 | 87 | 83 | 77 | 72 | 77 | 74 | 76 | 75 | 68 | 69 | 68 | 70 | 76 | 72 | 70 | 75 | 74 | 78 | 71 | 75·9 |
| 11 | 71 | 73 | 79 | 80 | 78 | 81 | 78 | 82 | 76 | 76 | 77 | 76 | 73 | 73 | 72 | 72 | 74 | 78 | 74 | 77 | 74 | 76 | 79 | 75 | 74 | 76 | 76·1 |
| 12 | 76 | 77 | 80 | 81 | 85 | 87 | 88 | 90 | 90 | 90 | 86 | 81 | 78 | 69 | 68 | 67 | 68 | 70 | 74 | 77 | 83 | 87 | 85 | 88 | 92 | 94 | 80·7 |
| 13 | 94 | 95 | 97 | 96 | 96 | 96 | 96 | 97 | 97 | 96 | 98 | 92 | 89 | 85 | 85 | 85 | 84 | 86 | 86 | 91 | 89 | 86 | 88 | 89 | 94 | 95 | 91·2 |
| 14 | 95 | 94 | 95 | 91 | 94 | 97 | 97 | 96 | 97 | 96 | 98 | 97 | 97 | 96 | 98 | 99 | 98 | 95 | 95 | 96 | 97 | 97 | 97 | 97 | 98 | 98 | 96·3 |
| 15 | 98 | 97 | 98 | 99 | 91 | 91 | 93 | 86 | 84 | 80 | 74 | 76 | 73 | 75 | 72 | 70 | 75 | 77 | 79 | 91 | 93 | 92 | 92 | 90 | 88 | 85·0 |
| 16 | 88 | 90 | 86 | 80 | 85 | 91 | 96 | 97 | 97 | 95 | 97 | 96 | 98 | 98 | 97 | 96 | 95 | 93 | 93 | 92 | 96 | 94 | 95 | 96 | 96 | 93·5 |
| 17 | 96 | 94 | 95 | 94 | 94 | 94 | 94 | 97 | 95 | 94 | 93 | 96 | 97 | 92 | 96 | 98 | 97 | 98 | 97 | 97 | 99 | 99 | 99 | 96 | 96 | 95·9 |
| 18 | 96 | 96 | 97 | 97 | 96 | 97 | 97 | 97 | 95 | 93 | 90 | 91 | 88 | 83 | 83 | 85 | 85 | 85 | 85 | 88 | 92 | 93 | 97 | 95 | 94 | 91·7 |
| 19 | 94 | 95 | 95 | 93 | 94 | 96 | 93 | 91 | 86 | 87 | 83 | 80 | 79 | 79 | 80 | 78 | 81 | 86 | 88 | 94 | 95 | 94 | 94 | 92 | 95 | 88·7 |
| 20 | 95 | 94 | 93 | 94 | 95 | 93 | 95 | 97 | 93 | 93 | 89 | 84 | 84 | 83 | 80 | 81 | 81 | 84 | 87 | 92 | 94 | 95 | 95 | 96 | 98 | 90·3 |
| 21 | 98 | 98 | 96 | 97 | 97 | 100 | 96 | 97 | 98 | 95 | 90 | 81 | 76 | 74 | 79 | 80 | 81 | 84 | 84 | 91 | 90 | 95 | 94 | 93 | 93 | 90·1 |
| 22 | 93 | 94 | 95 | 94 | 97 | 97 | 97 | 97 | 89 | 87 | 84 | 81 | 78 | 82 | 80 | 78 | 78 | 79 | 80 | 82 | 86 | 91 | 87 | 89 | 89 | 93 | 87·0 |
| 23 | 93 | 94 | 97 | 97 | 96 | 95 | 93 | 95 | 90 | 86 | 80 | 77 | 75 | 73 | 76 | 79 | 81 | 79 | 82 | 93 | 93 | 96 | 94 | 95 | 98 | 88·0 |
| 24 | 98 | 96 | 96 | 97 | 98 | 99 | 97 | 98 | 95 | 93 | 91 | 83 | 81 | 82 | 84 | 84 | 86 | 87 | 90 | 91 | 94 | 95 | 95 | 96 | 95 | 91·8 |
| 25 | 95 | 95 | 93 | 93 | 92 | 88 | 88 | 88 | 89 | 92 | 95 | 95 | 97 | 96 | 91 | 95 | 93 | 87 | 90 | 84 | 85 | 89 | 90 | 89 | 90 | 87 | 91·2 |
| 26 | 87 | 84 | 85 | 83 | 88 | 89 | 84 | 89 | 90 | 84 | 81 | 81 | 81 | 75 | 76 | 73 | 74 | 79 | 85 | 87 | 83 | 84 | 87 | 85 | 84 | 83·0 |
| 27 | 84 | 86 | 89 | 95 | 93 | 90 | 89 | 87 | 87 | 85 | 84 | 80 | 81 | 86 | 88 | 81 | 83 | 90 | 92 | 94 | 95 | 76 | 81 | 83 | 89 | 86·7 |
| 28 | 89 | 88 | 91 | 91 | 97 | 97 | 98 | 98 | 98 | 98 | 98 | 98 | 99 | 98 | 97 | 98 | 98 | 99 | 98 | 98 | 99 | 100 | 99 | 99 | 100 | 97·2 |
| 29 | 100 | 100 | 99 | 98 | 99 | 98 | 99 | 99 | 97 | 95 | 95 | 96 | 97 | 95 | 95 | 95 | 96 | 95 | 97 | 96 | 99 | 98 | 100 | 99 | 99 | 97·4 |
| 30 | 99 | 100 | 100 | 99 | 99 | 99 | 100 | 98 | 100 | 100 | 99 | 98 | 98 | 97 | 97 | 96 | 97 | 99 | 99 | 99 | 98 | 99 | 98 | 99 | 98 | 98·6 |
| Mean ... | 90·6 | 90·3 | 90·6 | 90·9 | 91·7 | 91·8 | 91·9 | 91·3 | 90·0 | 88·4 | 86·2 | 84·8 | 83·9 | 83·2 | 82·9 | 82·9 | 83·7 | 84·7 | 86·9 | 88·4 | 89·2 | 89·6 | 90·2 | 90·3 | 91·0 | 88·1 |
| Mean, 1886–1905. | 87·1 | 87·5 | 87·4 | 87·8 | 87·8 | 87·8 | 87·6 | 87·8 | 87·6 | 86·8 | 84·3 | 82·0 | 79·6 | 78·6 | 77·7 | 77·3 | 77·5 | 78·3 | 79·3 | 82·0 | 84·1 | 85·2 | 85·8 | 86·3 | 87·0 | 87·0 | 83·9 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. SEPTEMBER, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{\frac{1}{2}+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. SEPTEMBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·492 | 9·031 | 54·3 | 43·8 | 9 | 9·217 | **9·029** | 57·0 | 46·1 | 17 | 9·771 | 9·508 | **66·4** | 52·6 | 25 | 9·927 | 9·641 | 55·0 | 52·3 |
| 2 | 9·789 | 9·492 | 55·2 | 41·2 | 10 | 9·658 | 9·217 | 52·9 | 44·4 | 18 | 9·844 | 9·725 | 60·3 | 54·4 | 26 | 9·641 | 9·526 | 56·9 | 42·7 |
| 3 | 9·879 | 9·789 | 52·2 | 39·7 | 11 | 9·787 | 9·658 | 53·0 | 40·7 | 19 | 9·983 | 9·811 | 65·6 | 52·2 | 27 | 9·844 | 9·625 | 55·5 | 41·9 |
| 4 | **0·047** | 9·858 | 51·9 | 38·7 | 12 | 9·953 | 9·785 | 51·8 | 42·8 | 20 | 9·970 | 9·895 | 58·8 | 52·0 | 28 | 9·832 | 9·705 | 59·6 | 49·5 |
| 5 | 0·044 | 9·614 | 55·1 | **37·1** | 13 | 9·952 | 9·847 | 56·0 | 43·4 | 21 | 9·992 | 9·890 | 55·0 | 53·6 | 29 | 9·839 | 9·729 | 64·1 | 56·3 |
| 6 | 9·726 | 9·593 | 59·3 | 52·4 | 14 | 9·848 | 9·617 | 64·2 | 51·4 | 22 | 9·978 | 9·886 | 55·1 | 52·1 | 30 | 9·938 | 9·833 | 66·1 | 58·9 |
| 7 | 9·688 | 9·490 | 54·6 | 49·4 | 15 | 9·839 | 9·569 | 57·6 | 44·6 | 23 | 9·919 | 9·860 | 54·3 | 53·1 | | | | | |
| 8 | 9·490 | 9·198 | 56·3 | 53·0 | 16 | 9·862 | 9·541 | 53·3 | 42·4 | 24 | 9·959 | 9·912 | 55·3 | 52·6 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 57·1 | 47·8 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. SEPTEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·193 | 9·153 | 9·113 | 9·072 | 9·049 | 9·035 | 9·038 | 9·040 | 9·057 | 9·080 | 9·119 | 9·148 | 9·184 | 9·212 | 9·249 | 9·280 | 9·314 | 9·327 | 9·375 | 9·406 | 9·440 | 9·452 | 9·475 | 9·486 | 9·492 | 9·227 |
| 2 | 9·492 | 9·499 | 9·510 | 9·496 | 9·511 | 9·513 | 9·503 | 9·509 | 9·500 | 9·502 | 9·512 | 9·514 | 9·528 | 9·538 | 9·549 | 9·568 | 9·593 | 9·613 | 9·654 | 9·684 | 9·711 | 9·723 | 9·749 | 9·775 | 9·789 | 9·579 |
| 3 | 9·780 | 9·705 | 9·800 | 9·810 | 9·815 | 9·824 | 9·845 | 9·845 | 9·857 | 9·852 | 9·859 | 9·849 | 9·858 | 9·851 | 9·854 | 9·849 | 9·850 | 9·847 | 9·849 | 9·857 | 9·868 | 9·869 | 9·877 | 9·875 | 9·867 | 9·845 |
| 4 | 9·867 | 9·861 | 9·867 | 9·866 | 9·866 | 9·884 | 9·895 | 9·907 | 9·927 | 9·934 | 9·943 | 9·952 | 9·968 | 9·973 | 9·979 | 9·984 | 9·995 | 9·998 | 0·012 | 0·017 | 0·034 | 0·041 | 0·044 | 0·046 | 0·044 | 9·956 |
| 5 | 0·044 | 0·035 | 0·030 | 0·016 | 0·008 | 9·998 | 9·979 | 9·966 | 9·960 | 9·938 | 9·918 | 8·895 | 8·872 | 8·824 | 8·809 | 8·761 | 8·723 | 8·689 | 8·666 | 8·668 | 8·660 | 8·643 | 8·638 | 8·623 | 8·614 | 8·839 |
| 6 | 9·614 | 9·613 | 9·608 | 9·601 | 9·596 | 9·600 | 9·617 | 9·634 | 9·645 | 9·656 | 9·662 | 9·659 | 9·672 | 9·701 | 9·706 | 9·711 | 9·721 | 9·722 | 9·712 | 9·714 | 9·700 | 9·675 | 9·679 | 9·671 | 9·684 | 9·663 |
| 7 | 9·684 | 9·683 | 9·682 | 9·668 | 9·656 | 9·647 | 9·641 | 9·626 | 9·631 | 9·625 | 9·618 | 9·599 | 9·604 | 9·595 | 9·588 | 9·575 | 9·576 | 9·566 | 9·557 | 9·557 | 9·554 | 9·535 | 9·511 | 9·498 | 9·490 | 9·599 |
| 8 | 9·490 | 9·477 | 9·476 | 9·469 | 9·464 | 9·460 | 9·459 | 9·458 | 9·468 | 9·469 | 9·452 | 9·450 | 9·431 | 9·425 | 9·406 | 9·390 | 9·373 | 9·351 | 9·334 | 9·324 | 9·305 | 9·278 | 9·252 | 9·216 | 9·198 | 9·397 |
| 9 | 9·198 | 9·174 | 9·150 | 9·129 | 9·115 | 9·102 | 9·089 | 9·082 | 9·075 | 9·070 | 9·060 | 9·050 | 9·037 | 9·034 | 9·034 | 9·068 | 9·079 | 9·112 | 9·135 | 9·145 | 9·164 | 9·162 | 9·176 | 9·204 | 9·217 | 9·111 |
| 10 | 9·217 | 9·228 | 9·251 | 9·256 | 9·283 | 9·291 | 9·306 | 9·324 | 9·350 | 9·378 | 9·406 | 9·422 | 9·446 | 9·466 | 9·489 | 9·505 | 9·533 | 9·545 | 9·566 | 9·583 | 9·611 | 9·614 | 9·637 | 9·653 | 9·668 | 9·441 |
| 11 | 9·658 | 9·664 | 9·669 | 9·667 | 9·670 | 9·670 | 9·671 | 9·679 | 9·686 | 9·688 | 9·697 | 9·695 | 9·706 | 9·713 | 9·712 | 9·718 | 9·720 | 9·726 | 9·736 | 9·748 | 9·763 | 9·767 | 9·779 | 9·785 | 9·785 | 9·710 |
| 12 | 9·785 | 9·790 | 9·793 | 9·792 | 9·796 | 9·794 | 9·802 | 9·814 | 9·824 | 9·831 | 9·838 | 9·845 | 9·852 | 9·861 | 9·857 | 9·867 | 9·877 | 9·888 | 9·902 | 9·919 | 9·935 | 9·937 | 9·942 | 9·949 | 9·952 | 9·857 |
| 13 | 9·952 | 9·950 | 9·943 | 9·937 | 9·928 | 9·927 | 9·933 | 9·928 | 9·931 | 9·931 | 9·932 | 9·929 | 9·929 | 9·922 | 9·915 | 9·909 | 9·905 | 9·897 | 9·897 | 9·897 | 9·892 | 9·888 | 9·874 | 9·868 | 9·847 | 9·915 |
| 14 | 9·847 | 9·839 | 9·815 | 9·792 | 9·771 | 9·760 | 9·760 | 9·754 | 9·759 | 9·772 | 9·772 | 9·782 | 9·788 | 9·786 | 9·796 | 9·793 | 9·790 | 9·784 | 9·760 | 9·741 | 9·725 | 9·695 | 9·666 | 9·639 | 9·617 | 9·761 |
| 15 | 9·617 | 9·594 | 9·577 | 9·585 | 9·586 | 9·600 | 9·613 | 9·624 | 9·633 | 9·642 | 9·650 | 9·661 | 9·671 | 9·681 | 9·692 | 9·708 | 9·715 | 9·732 | 9·754 | 9·773 | 9·793 | 9·807 | 9·821 | 9·829 | 9·839 | 9·686 |
| 16 | 9·839 | 9·847 | 9·858 | 9·848 | 9·847 | 9·851 | 9·858 | 9·852 | 9·850 | 9·837 | 9·826 | 9·808 | 9·794 | 9·769 | 9·730 | 9·716 | 9·691 | 9·656 | 9·632 | 9·618 | 9·596 | 9·590 | 9·574 | 9·561 | 9·541 | 9·746 |
| 17 | 9·541 | 9·526 | 9·516 | 9·516 | 9·508 | 9·522 | 9·531 | 9·531 | 9·524 | 9·535 | 9·526 | 9·541 | 9·576 | 9·582 | 9·591 | 9·637 | 9·671 | 9·681 | 9·716 | 9·733 | 9·743 | 9·749 | 9·765 | 9·766 | 9·756 | 9·610 |
| 18 | 9·756 | 9·740 | 9·739 | 9·739 | 9·730 | 9·727 | 9·739 | 9·744 | 9·756 | 9·781 | 9·792 | 9·785 | 9·786 | 9·807 | 9·821 | 9·821 | 9·829 | 9·830 | 9·833 | 9·838 | 9·838 | 9·841 | 9·837 | 9·835 | 9·832 | 9·791 |
| 19 | 9·832 | 9·823 | 9·815 | 9·820 | 9·828 | 9·842 | 9·859 | 9·860 | 9·881 | 9·895 | 9·896 | 9·909 | 9·902 | 9·907 | 9·905 | 9·907 | 9·918 | 9·920 | 9·939 | 9·950 | 9·967 | 9·982 | 9·977 | 9·975 | 9·970 | 9·898 |
| 20 | 9·970 | 9·968 | 9·960 | 9·958 | 9·940 | 9·940 | 9·948 | 9·941 | 9·943 | 9·937 | 9·939 | 9·935 | 9·927 | 9·922 | 9·910 | 9·911 | 9·901 | 9·900 | 9·910 | 9·910 | 9·910 | 9·913 | 9·920 | 9·912 | 9·907 | 9·929 |
| 21 | 9·907 | 9·902 | 9·906 | 9·903 | 9·895 | 9·907 | 9·920 | 9·934 | 9·943 | 9·945 | 9·964 | 9·966 | 9·968 | 9·968 | 9·966 | 9·966 | 9·964 | 9·966 | 9·966 | 9·981 | 9·990 | 9·984 | 9·983 | 9·975 | 9·974 | 9·950 |
| 22 | 9·974 | 9·973 | 9·978 | 9·976 | 9·970 | 9·967 | 9·976 | 9·975 | 9·972 | 9·968 | 9·965 | 9·954 | 9·941 | 9·928 | 9·916 | 9·904 | 9·896 | 9·889 | 9·888 | 9·897 | 9·901 | 9·904 | 9·903 | 9·898 | 8·895 | 9·936 |
| 23 | 9·895 | 9·890 | 9·884 | 9·872 | 9·869 | 9·864 | 9·865 | 9·868 | 9·878 | 9·884 | 9·885 | 9·887 | 9·882 | 9·876 | 9·874 | 9·875 | 9·877 | 9·879 | 9·886 | 9·893 | 9·906 | 9·910 | 9·914 | 9·916 | 9·919 | 9·885 |
| 24 | 9·919 | 9·917 | 9·918 | 9·915 | 9·913 | 9·921 | 9·925 | 9·931 | 9·943 | 9·945 | 9·954 | 9·956 | 9·959 | 9·953 | 9·952 | 9·948 | 9·941 | 9·943 | 9·948 | 9·953 | 9·957 | 9·953 | 9·943 | 9·934 | 9·927 | 9·939 |
| 25 | 9·927 | 9·918 | 9·911 | 9·897 | 9·886 | 9·875 | 9·865 | 9·865 | 9·857 | 9·850 | 9·837 | 9·819 | 9·812 | 9·804 | 9·792 | 9·768 | 9·741 | 9·734 | 9·724 | 9·713 | 9·705 | 9·682 | 9·669 | 9·658 | 9·641 | 9·798 |
| 26 | 9·641 | 9·631 | 9·610 | 9·594 | 9·576 | 9·561 | 9·557 | 9·557 | 9·562 | 9·566 | 9·564 | 9·545 | 9·536 | 9·527 | 9·534 | 9·535 | 9·542 | 9·551 | 9·562 | 9·570 | 9·580 | 9·596 | 9·604 | 9·611 | 9·625 | 9·571 |
| 27 | 9·625 | 9·630 | 9·638 | 9·649 | 9·649 | 9·669 | 9·686 | 9·697 | 9·709 | 9·727 | 9·735 | 9·748 | 9·756 | 9·766 | 9·767 |

**ABERDEEN.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. SEPTEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 8 | 23 | 7 | 22 | 7 | 26 | 7 | 26 | 6 | 26 | 6 | 27 | 4 | 27 | 5 | 28 | 4 | 20 | 1 | 18 | 32 | 20 | 32 | 18 | 32 | 16 | 32 | 16 | 32 | 16 | 31 | 15 | 30 | 13 | 29 | 10 | 28 | 9 | 28 | 10 | 27 | 8 | 28 | 7 | 27 | 7 | 18 | 1 |
| 2 | 27 | 7 | 24 | 7 | 26 | 10 | 24 | 4 | 22 | 4 | 23 | 7 | 24 | 10 | 24 | 9 | 25 | 10 | 26 | 10 | 25 | 10 | 27 | 7 | 27 | 10 | 29 | 12 | 28 | 14 | 28 | 12 | 30 | 12 | 29 | 12 | 29 | 12 | 28 | 11 | 27 | 12 | 28 | 12 | 27 | 10 | 28 | 9 | 10 | 2 |
| 3 | 27 | 11 | 27 | 7 | 26 | 6 | 27 | 6 | 27 | 7 | 24 | 7 | 25 | 8 | 27 | 10 | 27 | 9 | 28 | 10 | 28 | 9 | 27 | 8 | 29 | 7 | 31 | 5 | 31 | 6 | 31 | 4 | 31 | 4 | 28 | 7 | 28 | 4 | 28 | 6 | 28 | 6 | 7 | 3 | | | | | | |
| 4 | 28 | 6 | 28 | 7 | 28 | 7 | 28 | 7 | 28 | 7 | 28 | 7 | 28 | 8 | 28 | 8 | 29 | 7 | 31 | 9 | 32 | 11 | 28 | 12 | 28 | 10 | 31 | 10 | 31 | 10 | 30 | 9 | 30 | 7 | 32 | 5 | 31 | 4 | 30 | 4 | 30 | 4 | 30 | 5 | 30 | 5 | — | 2 | 7 | 4 |
| 5 | 22 | 4 | — | 2 | — | 3 | — | 2 | 22 | 4 | 22 | 4 | 20 | 6 | 19 | 7 | 20 | 7 | 19 | 7 | 20 | 12 | 19 | 9 | 18 | 14 | 19 | 10 | 18 | 12 | 19 | 10 | 20 | 12 | 19 | 13 | 19 | 9 | 18 | 9 | 19 | 10 | 19 | 9 | 8 | 5 | 7 | 4 | 8 | 5 |
| 6 | 18 | 5 | 16 | 7 | 16 | 7 | 19 | 7 | 21 | 9 | 21 | 5 | 20 | 4 | — | 3 | 25 | 4 | 26 | 4 | — | 2 | — | 3 | 29 | 11 | 29 | 12 | 29 | 10 | 19 | 13 | 19 | 12 | 20 | 12 | 19 | 7 | 20 | 12 | 19 | 9 | 18 | 9 | 19 | 10 | 19 | 9 | 8 | 6 | 6 |
| 7 | 5 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 5 | 6 | 5 | — | 3 | — | 2 | 6 | 4 | — | 2 | 29 | 13 | 30 | 13 | 30 | 13 | 30 | 9 | 30 | 10 | 30 | 9 | 28 | 8 | 28 | 10 | 28 | 7 | 27 | 7 | 28 | 8 | 28 | 9 | 10 | 11 | |
| 8 | — | 3 | — | 2 | — | 0 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 16 | 7 | 16 | 6 | 28 | 14 | 28 | 12 | 27 | 12 | 27 | 12 | 27 | 12 | 27 | 12 | 28 | 12 | 27 | 12 | 28 | 11 | 27 | 12 | 28 | 12 | 27 | 10 | 28 | 9 | 10 | 12 |
| 9 | 12 | 4 | — | 2 | — | 2 | — | 3 | — | 2 | 14 | 4 | 14 | 4 | 8 | 5 | 3 | 7 | 29 | 12 | 27 | 12 | 28 | 12 | 17 | 4 | 18 | 4 | 17 | 4 | 17 | 4 | 18 | 6 | 20 | 6 | 21 | 7 | 21 | 7 | 21 | 5 | 21 | 7 | 20 | 9 | 4 | 13 | | |
| 10 | 27 | 13 | 29 | 12 | 28 | 11 | 28 | 10 | 28 | 10 | 29 | 14 | 29 | 12 | 29 | 12 | 30 | 17 | 29 | 17 | 29 | 18 | 29 | 18 | 24 | 5 | 12 | 7 | 8 | 10 | 8 | 9 | 10 | 8 | — | 3 | — | 2 | 14 | 5 | 16 | 7 | 16 | 7 | 18 | 7 | 7 | 14 | | |
| 11 | 28 | 7 | 28 | 6 | 27 | 6 | 27 | 4 | 25 | 7 | 26 | 10 | 27 | 10 | 27 | 12 | 27 | 15 | 27 | 12 | 29 | 13 | 29 | 13 | 27 | 5 | 26 | 6 | 27 | 6 | 28 | 7 | 29 | 5 | — | 2 | — | 3 | 28 | 4 | — | 2 | 28 | 4 | 27 | 4 | 24 | 4 | 5 | 15 |
| 12 | 28 | 6 | 27 | 7 | 27 | 10 | 27 | 8 | 26 | 11 | 28 | 13 | 27 | 10 | 26 | 12 | 27 | 12 | 27 | 12 | 28 | 17 | 27 | 15 | 16 | 9 | 12 | 7 | 13 | 11 | 15 | 12 | 15 | 11 | 15 | 12 | 15 | 11 | 15 | 12 | 16 | 10 | 16 | 10 | 16 | 7 | 17 | 8 | 6 | 16 |
| 13 | — | 2 | 26 | 4 | — | 2 | 22 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | — | 3 | — | 2 | — | 3 | 19 | 7 | 20 | 9 | 21 | 10 | 22 | 10 | 23 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 17 |
| 14 | 19 | 4 | 17 | 6 | 17 | 7 | 17 | 7 | 16 | 5 | 19 | 7 | 20 | 9 | 20 | 4 | 23 | 7 | 26 | 10 | 25 | 7 | 24 | 8 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 18 |
| 15 | — | 2 | 19 | 7 | 24 | 6 | 25 | 7 | 24 | 7 | 24 | 5 | — | 2 | 24 | 4 | 24 | 6 | 26 | 7 | 27 | 8 | 26 | 6 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 19 |
| 16 | 24 | 4 | — | 2 | — | 3 | 24 | 4 | — | 2 | — | 2 | — | 3 | — | 2 | 21 | 4 | 18 | 7 | 18 | 6 | 17 | 8 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 20 |
| 17 | 16 | 10 | 16 | 7 | 17 | 9 | 17 | 10 | 16 | 11 | 18 | 14 | 19 | 10 | 19 | 12 | 19 | 13 | 20 | 16 | 18 | 19 | 9 | 12 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 21 |
| 18 | 16 | 11 | 16 | 10 | 15 | 10 | 15 | 12 | 15 | 12 | 15 | 10 | 15 | 8 | 15 | 8 | 15 | 8 | 16 | 7 | 15 | 9 | 15 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 22 |
| 19 | 15 | 8 | 16 | 10 | 17 | 9 | — | 3 | — | 2 | 14 | 4 | 17 | 5 | 16 | 4 | 16 | 5 | 16 | 6 | 16 | 7 | 15 | 8 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 23 |
| 20 | — | 1 | — | 2 | — | 2 | 18 | 4 | 18 | 4 | — | 3 | 15 | 4 | 15 | 4 | 15 | 5 | 14 | 4 | 14 | 5 | 14 | 7 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 24 |
| 21 | 14 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 25 |
| 22 | 12 | 7 | 12 | 6 | 12 | 6 | 12 | 7 | 10 | 7 | 9 | 11 | 9 | 9 | 9 | 10 | 11 | 8 | 10 | 8 | 10 | 7 | 10 | 6 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 26 |
| 23 | 12 | 7 | 12 | 4 | 11 | 6 | 11 | 6 | 11 | 4 | 11 | 4 | 11 | 9 | 12 | 9 | 12 | 11 | 12 | 11 | 13 | 10 | 12 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 27 |
| 24 | 10 | 5 | 10 | 5 | 9 | 6 | 9 | 4 | — | 3 | — | 3 | 9 | 5 | 9 | 5 | — | 2 | — | 2 | — | 2 | — | 2 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 28 |
| 25 | 12 | 4 | 12 | 8 | 12 | 7 | 12 | 5 | 12 | 7 | 12 | 5 | 12 | 4 | 12 | 6 | 12 | 5 | 12 | 6 | 12 | 7 | 12 | 7 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 29 |
| 26 | 14 | 7 | 14 | 9 | 14 | 11 | 13 | 10 | 13 | 10 | 13 | 9 | 15 | 6 | 16 | 5 | 15 | 7 | 15 | 7 | 14 | 7 | 14 | 6 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 24 | 10 | 10 | 30 |
| 27 | 24 | 6 | 24 | 5 | 24 | 7 | 24 | 5 | 24 | 4 | — | 2 | 24 | 4 | 24 | 4 | 24 | 4 | 25 | 4 | 29 | 4 | 30 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 15 | 4 | 15 | 4 | 15 | 6 | 15 | 6 | 15 | 6 | 15 | 6 | 15 | 7 | 15 | 7 | 14 | 13 | 16 | 8 | 15 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 16 | 4 | 18 | 7 | 18 | 7 | 17 | 9 | 18 | 7 | 19 | 15 | 18 | 13 | 17 | 7 | 14 | 6 | 17 | 5 | 15 | 12 | 17 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 19 | 10 | 17 | 4 | 20 | 6 | 17 | 10 | 19 | 4 | 22 | 4 | 16 | 8 | 16 | 7 | 16 | 13 | 15 | 10 | 18 | 12 | 18 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean ... | — | 7 | — | 6 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 6 | — | 6 | 7 | |
| Mean, 1881–1905. | — | 6·3 | — | 6·3 | — | 6·5 | — | 6·5 | — | 6·5 | — | 6·5 | — | 6·8 | — | 7·6 | — | 8·4 | — | 8·9 | — | 9·6 | — | 10·0 | — | 10·0 | — | 9·8 | — | 9·2 | — | 8·1 | — | 7·3 | — | 6·7 | — | 6·7 | — | 6·5 | — | 6·7 | — | 6·5 | — | 6·6 | 7·6 | Mean, 1881–1905. |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used till the end of 1904 in corresponding tables. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**ABERDEEN.** TABLE IV.—RAINFALL IN HUNDREDTHS OF ENGLISH INCHES. SEPTEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 02 | 03 | 05 | 08 | 07 | 10 | 11 | 11 | 04 | 11 | 01 | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 74 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 01 | 03 | 01 | 06 |
| 3 | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | 01 | 02 | 03 | 01 | — | — | — | — | — | — | — | — | — | 07 |
| 6 | — | — | — | — | — | — | — | — | — | — | 01 | 06 | 09 | — | 01 | — | — | — | 01 | — | — | — | — | — | 18 |
| 7 | — | 03 | 03 | 01 | 01 | 02 | 06 | 05 | 03 | 03 | 02 | 03 | 04 | 01 | — | — | — | — | 04 | 17 | 11 | 07 | 04 | 02 | 82 |
| 8 | — | 3 | — | 2 | — | 02 | — | — | — | — | — | — | — | 02 | — | — | 06 | 07 | 08 | — | 01 | 02 | 06 | — | 34 |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 | 01 | 04 | 08 | 02 | — | — | — | — | — | — | 23 |
| 10 | 04 | 01 | — | 02 | 02 | 05 | 07 | 02 | — | 02 | — | — | — | — | 01 | 01 | — | — | — | — | — | — | — | — | 27 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | — | 01 | 01 | 01 | — | — | 06 |
| 12 | — | — | — | — | — | — | 02 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 13 | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 14 | — | 01 | 07 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 | 12 | 08 | 06 | — | 44 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 09 | — | — | — | — | — | — | — | — | — | 09 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | 04 | 10 | 11 | 26 |
| 17 | 07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 01 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 | — | 02 | — | — | — | 01 | — | 11 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | 01 | — | — | — | — | 02 |
| 22 | 01 | 01 | — | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 05 |
| 23 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | 04 | 01 | — | 01 | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | 08 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | 01 | 03 | 07 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | 14 | 09 | 15 | 13 | 16 | 17 | 24 | 27 | 10 | 16 | 08 | 10 | 16 | 14 | 13 | 06 | 26 | 10 | 15 | 26 | 26 | 23 | 32 | 18 | 4·04 |
| Average 1871–1905. | ·097 | ·087 | ·078 | ·096 | ·100 | ·121 | ·152 | ·139 | ·142 | ·128 | ·114 | ·099 | ·125 | ·100 | ·112 | ·104 | ·120 | ·105 | ·103 | ·110 | ·107 | ·117 | ·106 | ·099 | 2·662 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



**ABERDEEN.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. SEPTEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | ·1 | ·2 | ·5 | — | ·1 | — | — | 0·9 | A.M. squally, with ●²; P.M. cloudy to clear. |
| 2 | — | — | ·8 | 1·0 | 1·0 | ·6 | ·1 | ·2 | ·2 | ·9 | ·8 | ·8 | ·5 | — | — | — | — | 6·9 | Bright early, then cloudy to clear; ●⁹. |
| 3 | — | — | — | ·2 | ·1 | — | ·7 | — | — | ·1 | — | — | — | — | — | — | — | 1·1 | Cloudy to dull; clear at night. |
| 4 | — | — | — | ·3 | ·2 | ·4 | — | ·1 | ·1 | ·2 | ·2 | ·3 | ·2 | ·6 | ·2 | — | — | 2·8 | Cloudy. |
| 5 | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·2 | Dull, with ●⁶ in afternoon. |
| 6 | — | — | — | — | — | — | — | — | — | ·2 | ·3 | ·1 | — | — | — | — | — | 0·6 | Dull and rainy. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast, ●, and ≋ after 18h. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁹ early; dull and misty all day; ● in |
| 9 | — | — | — | ·6 | 1·0 | ·9 | ·9 | ·6 | 1·0 | ·9 | ·4 | — | — | — | — | — | — | 6·3 | Bright to showery and squally. [evening. |
| 10 | — | — | — | — | — | — | — | ·1 | ·2 | ·2 | ·2 | — | — | — | — | — | — | 1·0 | Dull day, with ● A.M. |
| 11 | — | — | ·4 | ·2 | ·4 | ·8 | ·4 | 1·0 | ·9 | ·9 | 1·0 | ·8 | ·8 | ·7 | — | — | — | 8·3 | Bright to showery; ◠ (double) at |
| 12 | — | — | ·2 | — | ·5 | — | ·7 | 1·0 | ·9 | ·8 | ·9 | ·8 | ·6 | — | — | — | — | 6·4 | Bright to cloudy; ●⁹. [17h. 30m.; lunar [rainbow at 22h. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. [night. |
| 14 | — | — | — | — | ·2 | ·9 | ·6 | ·7 | ·8 | ·9 | 1·0 | ·7 | 1·0 | ·4 | — | — | — | 7·2 | ● early, then bright and fine; ● again at |
| 15 | — | — | — | ·4 | 1·0 | ·1 | — | — | ·1 | — | — | — | ·6 | ·1 | — | — | — | 2·3 | Cloudy to dull, with ● at 15h.; clearing at |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day; ≋⁹ early, ● at night. [night. |
| 17 | — | — | — | — | ·2 | ·9 | 1·0 | ·6 | ·1 | ·9 | 1·0 | ·5 | ·6 | ·4 | — | — | — | 6·2 | ● early, then bright to cloudy. |
| 18 | — | — | — | — | 1·1 | — | ·1 | ·5 | ·2 | — | — | — | — | — | — | — | — | 0·9 | Cloudy to dull; ≋⁹, ●⁹, in evening. |
| 19 | — | — | — | — | — | ·7 | 1·0 | ·9 | ·8 | ·5 | ·8 | ·8 | ·8 | ·3 | — | — | — | 6·6 | Fine day; ∞ and ≋⁹ in evening. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ∞, ≋⁹, early; dull; ● after 17h. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁹ to ≋⁹ all day; ●⁹ drizzle after 14h. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁹, ●⁹, early; then ≋⁹ for rest of day. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋⁹ at times. [fine night. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ≋⁹ or ● till 13h., then clearing; |
| 27 | — | — | — | — | ·7 | 1·0 | ·6 | ·4 | ·6 | 1·0 | ·9 | ·8 | 1·0 | — | — | — | — | 7·0 | ∞, ≋⁹ early; then fine and bright. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty, with ●⁹ about 10h. and |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull to cloudy; very mild night. [24h. |
| 30 | — | — | — | — | — | ·3 | ·3 | ·1 | — | ·4 | ·1 | — | — | — | — | — | — | 1·2 | ≋⁹ early; cloudy; very mild at night. |
| | — | — | 1·4 | 2·9 | 5·4 | 6·6 | 6·4 | 6·2 | 5·9 | 7·9 | 8·0 | 6·4 | 6·8 | 2·8 | 0·3 | — | — | 67·0 | Total. |
| | — | — | 0·96 | 5·68 | 9·69 | 11·70 | 12·52 | 12·16 | 12·53 | 12·22 | 11·87 | 11·25 | 10·04 | 6·53 | 0·90 | — | — | 118·04 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. SEPTEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53°2 | 53°1 | 52°4 | 51°6 | 51°4 | 51°5 | 50°6 | 51°2 | 50°2 | 51°3 | 50°1 | 50°7 | 52°3 | 53°3 | 53°2 | 53°4 | 53°7 | 51°8 | 51°9 | 49°9 | 49°2 | 47°5 | 46°4 | 44°6 | 43°8 | 50°8 |
| 2 | 43°8 | 44°9 | 44°0 | 42°5 | 42°3 | 41°6 | 42°8 | 46°1 | 47°7 | 50°2 | 49°1 | 50°6 | 51°3 | 52°9 | 53°9 | 51°6 | 51°6 | 53°0 | 50°9 | 50°1 | 49°6 | 48°3 | 47°4 | 47°2 | 47°2 | 48°1 |
| 3 | 47°2 | 45°9 | 45°0 | 44°7 | 45°2 | 44°6 | 44°6 | 45°8 | 46°2 | 48°2 | 49°6 | 50°6 | 51°3 | 51°4 | 51°3 | 51°7 | 50°6 | 50°4 | 49°7 | 47°4 | 46°0 | 43°0 | 42°3 | 41°8 | 39°7 | 47°1 |
| 4 | 39°7 | 39°3 | 39°4 | 40°1 | 40°1 | 41°4 | 43°8 | 44°4 | 46°4 | 47°8 | 50°1 | 51°8 | 51°3 | 50°7 | 50°9 | 51°2 | 50°4 | 50°4 | 49°1 | 47°3 | 43°7 | 42°1 | 39°6 | 39°8 | 39°6 | 45°4 |
| 5 | 39°6 | 38°9 | 38°7 | 38°3 | 37°8 | 37°7 | 40°4 | 44°2 | 46°2 | 48°5 | 50°2 | 50°3 | 49°2 | 48°4 | 48°6 | 49°0 | 50°6 | 52°1 | 53°2 | 53°7 | 54°1 | 54°4 | 54°6 | 55°0 | 55°0 | 47°6 |
| 6 | 55°0 | 54°9 | 55°2 | 55°4 | 55°1 | 56°1 | 56°1 | 56°1 | 58°0 | 59°1 | 57°0 | 57°2 | 56°0 | 54°7 | 58°1 | 59°1 | 56°9 | 54°0 | 54°1 | 53°9 | 53°5 | 53°2 | 54°3 | 54°9 | 54°6 | 55°8 |
| 7 | 54°6 | 51°5 | 49°9 | 49°6 | 50°0 | 50°4 | 51°2 | 51°8 | 52°0 | 52°6 | 53°1 | 54°0 | 54°2 | 53°8 | 53°6 | 54°2 | 53°8 | 53°8 | 53°6 | 53°3 | 53°1 | 53°0 | 52°9 | 53°0 | 53°0 | 52°6 |
| 8 | 53°0 | 53°1 | 53°2 | 53°2 | 53°2 | 53°1 | 53°1 | 53°4 | 53°8 | 53°6 | 54°8 | 55°2 | 55°6 | 56°2 | 56°2 | 55°5 | 55°1 | 55°0 | 54°4 | 53°1 | 53°0 | 53°0 | 53°1 | 53°5 | 53°5 | 54°0 |
| 9 | 53°5 | 53°4 | 53°3 | 52°9 | 51°3 | 50°3 | 49°6 | 50°2 | 53°1 | 54°1 | 55°2 | 53°8 | 54°4 | 55°1 | 56°3 | 51°2 | 49°0 | 47°7 | 46°1 | 46°2 | 46°1 | 46°8 | 47°0 | 48°2 | 48°9 | 50°9 |
| 10 | 48°9 | 48°8 | 49°4 | 49°4 | 49°3 | 49°3 | 49°2 | 49°3 | 49°4 | 49°0 | 50°0 | 50°7 | 49°4 | 52°4 | 52°8 | 52°2 | 51°3 | 51°4 | 48°6 | 48°6 | 47°1 | 47°0 | 46°8 | 46°5 | 44°4 | 49°4 |
| 11 | 44°4 | 45°0 | 42°8 | 42°8 | 41°1 | 42°0 | 41°6 | 43°4 | 45°0 | 46°8 | 46°8 | 49°9 | 50°1 | 50°2 | 50°6 | 50°0 | 49°8 | 48°3 | 47°1 | 46°4 | 46°0 | 45°2 | 44°5 | 46°0 | 44°4 | 46°1 |
| 12 | 44°4 | 43°7 | 42°8 | 44°4 | 44°4 | 42°9 | 43°8 | 44°2 | 45°2 | 46°0 | 46°2 | 48°7 | 49°7 | 50°1 | 51°5 | 51°0 | 51°3 | 49°2 | 48°5 | 46°7 | 45°0 | 44°4 | 44°8 | 45°1 | 44°9 | 46°4 |
| 13 | 44°9 | 45°0 | 43°8 | 43°7 | 44°0 | 44°3 | 45°0 | 46°2 | 48°0 | 50°2 | 49°9 | 49°4 | 51°8 | 53°3 | 55°2 | 55°5 | 55°2 | 55°2 | 54°4 | 54°1 | 54°0 | 53°2 | 53°0 | 52°4 | 52°3 | 50°2 |
| 14 | 52°3 | 52°2 | 51°4 | 52°2 | 51°6 | 52°2 | 53°2 | 53°9 | 55°1 | 57°6 | 61°2 | 61°1 | 62°3 | 63°9 | 59°8 | 59°3 | 55°9 | 55°0 | 54°5 | 54°2 | 55°0 | 55°2 | 54°8 | 54°6 | 54°3 | 55°8 |
| 15 | 54°3 | 55°0 | 54°9 | 53°6 | 52°8 | 52°3 | 51°2 | 51°8 | 53°4 | 55°3 | 56°4 | 56°9 | 55°8 | 56°3 | 54°4 | 51°2 | 54°4 | 53°3 | 52°4 | 51°3 | 50°2 | 48°3 | 46°2 | 46°2 | 44°6 | 52°6 |
| 16 | 44°6 | 45°0 | 43°4 | 43°8 | 42°6 | 43°2 | 43°6 | 43°8 | 46°2 | 47°6 | 50°8 | 51°2 | 51°6 | 52°6 | 52°3 | 52°6 | 52°3 | 52°2 | 51°8 | 51°9 | 52°2 | 52°4 | 52°3 | 52°3 | 52°6 | 49°0 |
| 17 | 52°6 | 53°1 | 53°7 | 55°3 | 57°1 | 57°5 | 59°0 | 59°5 | 61°5 | 62°9 | 64°7 | 65°4 | 60°3 | 64°2 | 66°3 | 65°2 | 63°8 | 63°1 | 59°3 | 58°2 | 56°2 | 55°6 | 55°3 | 55°2 | 55°2 | 59°4 |
| 18 | 55°2 | 55°4 | 56°1 | 55°2 | 55°8 | 55°6 | 56°1 | 56°2 | 56°9 | 57°5 | 58°3 | 59°4 | 59°5 | 60°2 | 59°0 | 59°4 | 58°5 | 58°0 | 56°4 | 56°1 | 55°3 | 55°5 | 54°8 | 54°4 | 54°6 | 56°9 |
| 19 | 54°6 | 54°7 | 54°6 | 54°6 | 54°6 | 54°2 | 53°9 | 54°7 | 55°3 | 57°0 | 60°2 | 63°2 | 64°0 | 64°8 | 65°5 | 62°6 | 62°0 | 61°7 | 58°9 | 58°1 | 57°9 | 56°6 | 55°3 | 53°7 | 52°6 | 58°0 |
| 20 | 52°6 | 53°3 | 52°1 | 53°6 | 53°4 | 53°5 | 53°5 | 54°2 | 55°1 | 55°8 | 56°0 | 57°7 | 57°8 | 57°0 | 56°4 | 56°0 | 55°8 | 55°1 | 55°0 | 55°1 | 54°7 | 54°6 | 54°6 | 54°4 | 54°5 | 55°0 |
| 21 | 54°5 | 54°4 | 54°4 | 54°2 | 54°2 | 54°1 | 54°1 | 54°6 | 54°7 | 54°2 | 54°0 | 54°6 | 54°6 | 54°4 | 54°1 | 54°2 | 53°6 | 53°8 | 53°8 | 53°8 | 53°8 | 53°8 | 53°8 | 53°8 | 53°8 | 54°1 |
| 22 | 53°8 | 53°6 | 53°6 | 53°6 | 53°4 | 53°1 | 52°5 | 52°3 | 52°6 | 53°2 | 53°7 | 54°0 | 53°4 | 54°0 | 54°9 | 54°9 | 54°9 | 54°4 | 54°1 | 54°2 | 54°3 | 54°0 | 54°0 | 54°0 | 53°9 | 53°8 |
| 23 | 53°9 | 54°1 | 53°5 | 53°3 | 53°2 | 53°4 | 53°7 | 54°0 | 54°0 | 53°7 | 54°0 | 54°2 | 54°3 | 53°5 | 53°6 | 54°0 | 54°0 | 54°0 | 53°8 | 54°0 | 54°0 | 53°8 | 53°6 | 53°7 | 53°5 | 53°8 |
| 24 | 53°5 | 53°6 | 53°6 | 53°7 | 53°4 | 53°3 | 53°2 | 53°3 | 53°1 | 53°4 | 54°1 | 54°2 | 54°9 | 55°2 | 54°4 | 54°2 | 53°9 | 53°8 | 53°6 | 53°1 | 53°2 | 53°1 | 53°0 | 52°6 | 52°7 | 53°6 |
| 25 | 52°7 | 52°6 | 52°8 | 52°6 | 52°8 | 52°8 | 52°6 | 52°6 | 52°7 | 53°0 | 53°3 | 53°5 | 54°5 | 54°4 | 54°6 | 54°8 | 54°2 | 53°8 | 53°6 | 53°7 | 54°0 | 54°0 | 53°8 | 53°5 | 53°2 | 53°5 |
| 26 | 53°2 | 53°3 | 52°6 | 52°6 | 52°5 | 53°2 | 53°6 | 53°8 | 53°8 | 54°1 | 54°1 | 54°2 | 53°8 | 53°8 | 55°0 | 56°7 | 55°0 | 54°0 | 52°3 | 49°7 | 46°5 | 45°7 | 45°7 | 44°7 | 42°7 | 52°0 |
| 27 | 42°7 | 43°2 | 44°2 | 42°1 | 42°8 | 44°0 | 43°0 | 43°6 | 47°9 | 51°6 | 53°3 | 53°6 | 55°0 | 55°1 | 54°4 | 54°4 | 53°8 | 53°1 | 51°5 | 50°5 | 49°9 | 50°1 | 48°5 | 49°4 | 49°5 | 49°2 |
| 28 | 49°5 | 50°6 | 51°2 | 51°8 | 51°3 | 51°2 | 51°6 | 52°0 | 53°0 | 53°6 | 53°8 | 53°6 | 54°3 | 54°2 | 54°2 | 54°8 | 55°2 | 55°3 | 56°3 | 57°1 | 58°1 | 56°9 | 56°6 | 59°1 | 57°8 | 54°1 |
| 29 | 57°8 | 58°4 | 59°1 | 57°6 | 59°1 | 59°9 | 61°6 | 62°0 | 62°1 | 61°2 | 61°1 | 60°3 | 62°7 | 61°4 | 61°8 | 61°4 | 62°6 | 62°3 | 63°6 | 63°2 | 63°4 | 63°8 | 63°4 | 62°9 | 62°3 | 61°5 |
| 30 | 62°3 | 62°6 | 61°5 | 62°0 | 59°7 | 60°1 | 59°8 | 59°4 | 59°9 | 61°6 | 62°1 | 64°2 | 65°3 | 64°6 | 65°5 | 65°0 | 64°7 | 63°9 | 61°4 | 60°9 | 63°0 | 62°2 | 62°8 | 61°7 | 61°2 | 62°3 |
| Mean ... | 50°7 | 50°8 | 50°4 | 50°3 | 50°2 | 50°3 | 50°6 | 51°3 | 52°3 | 53°4 | 54°1 | 54°8 | 55°0 | 55°4 | 55°6 | 55°2 | 54°8 | 54°3 | 53°5 | 52°9 | 52°4 | 51°9 | 51°5 | 51°5 | 51°0 | 52°6 |
| Mean, 1871–1905. | 50°3 | 50°0 | 49°6 | 49°4 | 49°2 | 49°0 | 49°0 | 50°0 | 51°5 | 53°2 | 54°4 | 55°4 | 55°9 | 56°3 | 56°3 | 56°2 | 55°6 | 54°9 | 53°9 | 52°8 | 52°0 | 51°4 | 50°9 | 50°6 | 50°2 | 52°4 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). SEPTEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 91 | 89 | 91 | 90 | 88 | 90 | 96 | 91 | 98 | 88 | 89 | 88 | 77 | 73 | 74 | 74 | 72 | 76 | 70 | 75 | 80 | 88 | 88 | 87 | 85 | 84·2 |
| 2 | 85 | 83 | 83 | 83 | 84 | 89 | 80 | 73 | 70 | 63 | 68 | 66 | 67 | 63 | 62 | 73 | 72 | 72 | 82 | 84 | 80 | 80 | 85 | 93 | 92 | 76·8 |
| 3 | 92 | 93 | 90 | 90 | 90 | 89 | 85 | 85 | 87 | 79 | 72 | 65 | 66 | 66 | 62 | 62 | 65 | 63 | 67 | 68 | 76 | 81 | 85 | 85 | 89 | 92 | 78·6 |
| 4 | 92 | 92 | 91 | 92 | 92 | 91 | 88 | 89 | 84 | 81 | 65 | 55 | 58 | 61 | 63 | 62 | 65 | 63 | 67 | 72 | 78 | 82 | 89 | 90 | 89 | 77·5 |
| 5 | 89 | 93 | 91 | 91 | 90 | 90 | 85 | 77 | 74 | 70 | 67 | 68 | 75 | 85 | 88 | 87 | 86 | 83 | 83 | 83 | 83 | 87 | 87 | 86 | 87 | 83·3 |
| 6 | 87 | 88 | 87 | 87 | 87 | 84 | 85 | 86 | 85 | 77 | 84 | 88 | 94 | 93 | 82 | 81 | 89 | 93 | 91 | 91 | 90 | 92 | 91 | 87 | 86 | 87·4 |
| 7 | 86 | 93 | 93 | 95 | 94 | 95 | 96 | 94 | 96 | 96 | 93 | 90 | 90 | 92 | 93 | 92 | 93 | 93 | 95 | 96 | 96 | 96 | 95 | 95 | 95 | 93·8 |
| 8 | 95 | 95 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 94 | 92 | 92 | 94 | 93 | 94 | 95 | 96 | 94 | 93 | 93 | 93 | 93 | 95 | 94·7 |
| 9 | 95 | 94 | 95 | 95 | 95 | 92 | 95 | 93 | 81 | 78 | 79 | 82 | 81 | 82 | 81 | 89 | 92 | 96 | 96 | 93 | 90 | 86 | 87 | 84 | 88 | 88·7 |
| 10 | 89 | 89 | 92 | 88 | 88 | 91 | 93 | 92 | 91 | 91 | 84 | 83 | 84 | 78 | 75 | 76 | 80 | 76 | 81 | 83 | 89 | 86 | 87 | 84 | 88 | 85·4 |
| 11 | 88 | 76 | 84 | 85 | 87 | 86 | 87 | 83 | 81 | 78 | 78 | 71 | 70 | 70 | 70 | 69 | 77 | 82 | 84 | 83 | 85 | 91 | 90 | 85 | 90 | 80·0 |
| 12 | 90 | 88 | 90 | 89 | 84 | 90 | 86 | 89 | 90 | 85 | 85 | 73 | 70 | 67 | 63 | 63 | 63 | 68 | 71 | 80 | 82 | 83 | 85 | 81 | 80 | 79·6 |
| 13 | 80 | 79 | 83 | 85 | 81 | 81 | 77 | 77 | 75 | 74 | 79 | 85 | 83 | 82 | 78 | 76 | 82 | 83 | 84 | 81 | 78 | 80 | 81 | 83 | 80 | 80·3 |
| 14 | 80 | 86 | 91 | 92 | 94 | 94 | 92 | 91 | 87 | 84 | 77 | 64 | 56 | 53 | 73 | 73 | 80 | 80 | 78 | 89 | 89 | 95 | 95 | 95 | 94 | 83·1 |
| 15 | 94 | 92 | 93 | 90 | 88 | 88 | 83 | 78 | 74 | 70 | 64 | 65 | 69 | 68 | 76 | 90 | 78 | 76 | 81 | 84 | 85 | 87 | 89 | 87 | 90 | 81·1 |
| 16 | 90 | 83 | 88 | 83 | 89 | 88 | 85 | 87 | 84 | 80 | 76 | 77 | 77 | 78 | 79 | 82 | 81 | 85 | 88 | 90 | 90 | 90 | 92 | 95 | 95 | 85·0 |
| 17 | 95 | 95 | 96 | 96 | 92 | 92 | 87 | 86 | 80 | 78 | 73 | 73 | 81 | 76 | 72 | 75 | 78 | 67 | 79 | 81 | 84 | 86 | 87 | 88 | 91 | 83·1 |
| 18 | 91 | 91 | 90 | 91 | 89 | 89 | 87 | 87 | 85 | 83 | 80 | 85 | 81 | 78 | 80 | 81 | 82 | 82 | 86 | 87 | 90 | 92 | 92 | 92 | 91 | 86·3 |
| 19 | 91 | 93 | 93 | 93 | 93 | 94 | 94 | 93 | 93 | 90 | 85 | 78 | 75 | 74 | 72 | 78 | 80 | 79 | 78 | 85 | 88 | 89 | 90 | 93 | 95 | 86·3 |
| 20 | 95 | 92 | 93 | 94 | 94 | 93 | 95 | 94 | 92 | 92 | 92 | 89 | 89 | 88 | 89 | 89 | 89 | 91 | 92 | 91 | 93 | 92 | 91 | 93 | 93 | 91·8 |
| 21 | 93 | 94 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 94 | 97 | 97 | 94 | 93 | 97 | 98 | 96 | 97 | 95 | 96 | 96 | 96 | 96 | 96 | 96 | 95·0 |
| 22 | 96 | 96 | 96 | 97 | 98 | 97 | 98 | 97 | 94 | 92 | 91 | 94 | 97 | 94 | 94 | 94 | 91 | 92 | 92 | 93 | 90 | 88 | 84 | 85 | 85 | 93·1 |
| 23 | 85 | 83 | 90 | 96 | 97 | 96 | 94 | 92 | 94 | 94 | 92 | 92 | 92 | 95 | 96 | 90 | 89 | 89 | 90 | 90 | 90 | 90 | 92 | 92 | 92 | 91·0 |
| 24 | 92 | 93 | 91 | 89 | 91 | 93 | 92 | 88 | 86 | 85 | 82 | 84 | 81 | 80 | 92 | 93 | 93 | 91 | 83 | 84 | 84 | 82 | 85 | 89 | 86 | 87·5 |
| 25 | 86 | 90 | 91 | 90 | 88 | 90 | 90 | 92 | 92 | 93 | 93 | 91 | 92 | 92 | 91 | 92 | 93 | 93 | 96 | 94 | 89 | 87 | 89 | 89 | 91 | 91·1 |
| 26 | 91 | 95 | 93 | 96 | 97 | 96 | 95 | 93 | 93 | 91 | 91 | 82 | 85 | 91 | 86 | 81 | 80 | 85 | 90 | 93 | 92 | 94 | 93 | 93 | 94 | 90·6 |
| 27 | 94 | 95 | 93 | 95 | 95 | 94 | 94 | 94 | 93 | 87 | 83 | 78 | 77 | 80 | 78 | 78 | 79 | 80 | 88 | 91 | 93 | 92 | 93 | 93 | 94 | 88·2 |
| 28 | 92 | 90 | 93 | 92 | 92 | 91 | 92 | 90 | 92 | 89 | 88 | 88 | 93 | 92 | 93 | 93 | 92 | 91 | 92 | 92 | 91 | 91 | 92 | 93 | 92 | 94 | 91·5 |
| 29 | 94 | 95 | 93 | 96 | 92 | 91 | 86 | 86 | 86 | 88 | 86 | 82 | 84 | 84 | 81 | 82 | 80 | 81 | 79 | 82 | 81 | 78 | 79 | 78 | 81 | 85·0 |
| 30 | 81 | 81 | 83 | 84 | 88 | 89 | 90 | 91 | 90 | 85 | 83 | 81 | 80 | 81 | 80 | 81 | 81 | 84 | 87 | 90 | 87 | 89 | 88 | 89 | 88 | 85·3 |
| Mean ... | 90·0 | 89·7 | 90·9 | 91·1 | 90·9 | 91·1 | 89·8 | 88·6 | 87·1 | 84·4 | 82·4 | 80·5 | 80·3 | 80·2 | 80·4 | 81·5 | 82·3 | 82·9 | 84·7 | 86·8 | 87·3 | 88·2 | 89·0 | 89·4 | 89·0 | 86·2 |
| Mean,* 1886–1905. | 84·8 | 85·3 | 85·5 | 85·7 | 86·1 | 86·2 | 86·4 | 84·9 | 82·2 | 78·8 | 75·6 | 73·3 | 72·3 | 71·7 | 72·1 | 72·4 | 73·6 | 75·6 | 78·2 | 80·6 | 82·1 | 83·2 | 83·8 | 84·4 | 84·7 | 80·2 |

* Mean for 19 years only—1893 omitted.

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. SEPTEMBER, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity.—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. SEPTEMBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·747 | **9·267** | 61·0 | 52·7 | 9 | 9·719 | 9·545 | 58·7 | 50·9 | 17 | 9·916 | 9·786 | 64·0 | 55·0 | 25 | 9·816 | 9·560 | 59·9 | 48·4 |
| 2 | 9·874 | 9·743 | 61·0 | 51·8 | 10 | 9·761 | 9·717 | 56·0 | 47·0 | 18 | 9·786 | 9·704 | 65·9 | 54·8 | 26 | 9·817 | 9·636 | 60·9 | 50·9 |
| 3 | 9·838 | 9·526 | 62·2 | 51·8 | 11 | 9·760 | 9·703 | 55·1 | 47·1 | 19 | 9·845 | 9·769 | 62·2 | 56·0 | 27 | 9·801 | 9·625 | 61·0 | 53·0 |
| 4 | 0·064 | 9·514 | 58·6 | 49·9 | 12 | 0·055 | 9·736 | 56·1 | 45·3 | 20 | 9·902 | 9·695 | 61·4 | 52·1 | 28 | 9·884 | 9·707 | **66·1** | 57·0 |
| 5 | **0·181** | 0·064 | 60·1 | 46·8 | 13 | 0·127 | 0·055 | 59·1 | **44·8** | 21 | 9·902 | 9·755 | 61·8 | 48·4 | 29 | 9·958 | 9·854 | 63·1 | 56·8 |
| 6 | 0·145 | 9·999 | 61·8 | 51·9 | 14 | 0·123 | 9·895 | 61·2 | 50·2 | 22 | 9·755 | 9·565 | 57·6 | 53·1 | 30 | 0·002 | 9·942 | 63·3 | 56·4 |
| 7 | 9·999 | 9·687 | 60·1 | 48·1 | 15 | 9·999 | 9·803 | 60·4 | 51·7 | 23 | 9·736 | 9·597 | 59·9 | 55·2 | | | | | |
| 8 | 9·687 | 9·461 | 61·7 | 48·0 | 16 | 0·034 | 9·916 | 60·6 | 50·0 | 24 | 9·834 | 9·736 | 59·9 | 50·2 | Mean | — | — | 60·7 | 51·2 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. SEPTEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ins. 9·365 | ins. 9·357 | ins. 9·345 | ins. 9·315 | ins. 9·289 | ins. 9·283 | ins. 9·273 | ins. 9·269 | ins. 9·279 | ins. 9·315 | ins. 9·369 | ins. 9·403 | ins. 9·449 | ins. 9·479 | ins. 9·519 | ins. 9·537 | ins. 9·573 | ins. 9·605 | ins. 9·641 | ins. 9·665 | ins. 9·691 | ins. 9·703 | ins. 9·721 | ins. 9·729 | ins. 9·747 | ins. 9·474 |
| 2 | 9·747 | 9·745 | 9·747 | 9·751 | 9·743 | 9·749 | 9·761 | 9·771 | 9·787 | 9·797 | 9·809 | 9·808 | 9·814 | 9·816 | 9·824 | 9·824 | 9·828 | 9·836 | 9·844 | 9·846 | 9·858 | 9·866 | 9·866 | 9·868 | 9·858 | 9·807 |
| 3 | 9·858 | 9·842 | 9·832 | 9·810 | 9·776 | 9·748 | 9·718 | 9·690 | 9·646 | 9·616 | 9·570 | 9·530 | 9·528 | 9·528 | 9·538 | 9·536 | 9·538 | 9·538 | 9·540 | 9·542 | 9·550 | 9·548 | 9·542 | 9·538 | 9·528 | 9·622 |
| 4 | 9·528 | 9·518 | 9·518 | 9·516 | 9·518 | 9·532 | 9·556 | 9·578 | 9·588 | 9·618 | 9·654 | 9·682 | 9·724 | 9·760 | 9·796 | 9·830 | 9·858 | 9·884 | 9·918 | 9·940 | 9·984 | 0·014 | 0·044 | 0·060 | 0·064 | 9·745 |
| 5 | 0·064 | 0·078 | 0·088 | 0·090 | 0·102 | 0·112 | 0·132 | 0·150 | 0·164 | 0·162 | 0·168 | 0·167 | 0·179 | 0·177 | 0·177 | 0·169 | 0·163 | 0·157 | 0·149 | 0·153 | 0·159 | 0·157 | 0·155 | 0·155 | 0·145 | 0·145 |
| 6 | 0·145 | 0·139 | 0·135 | 0·127 | 0·115 | 0·109 | 0·117 | 0·129 | 0·121 | 0·125 | 0·137 | 0·127 | 0·127 | 0·117 | 0·107 | 0·101 | 0·073 | 0·063 | 0·051 | 0·041 | 0·041 | 0·041 | 0·025 | 0·013 | 9·999 | 0·094 |
| 7 | 9·999 | 9·991 | 9·973 | 9·953 | 9·935 | 9·921 | 9·913 | 9·907 | 9·897 | 9·891 | 9·875 | 9·877 | 9·859 | 9·839 | 9·821 | 9·803 | 9·783 | 9·769 | 9·767 | 9·759 | 9·759 | 9·745 | 9·721 | 9·703 | 9·687 | 9·846 |
| 8 | 9·687 | 9·673 | 9·645 | 9·623 | 9·607 | 9·587 | 9·569 | 9·551 | 9·543 | 9·539 | 9·519 | 9·487 | 9·463 | 9·463 | 9·465 | 9·491 | 9·509 | 9·517 | 9·529 | 9·541 | 9·555 | 9·557 | 9·561 | 9·561 | 9·561 | 9·549 |
| 9 | 9·561 | 9·559 | 9·561 | 9·559 | 9·551 | 9·549 | 9·547 | 9·559 | 9·579 | 9·585 | 9·607 | 9·613 | 9·623 | 9·627 | 9·631 | 9·639 | 9·649 | 9·657 | 9·669 | 9·673 | 9·695 | 9·701 | 9·711 | 9·717 | 9·719 | 9·621 |
| 10 | 9·719 | 9·719 | 9·723 | 9·721 | 9·721 | 9·717 | 9·717 | 9·721 | 9·729 | 9·737 | 9·747 | 9·753 | 9·757 | 9·755 | 9·749 | 9·747 | 9·745 | 9·745 | 9·749 | 9·757 | 9·759 | 9·753 | 9·755 | 9·747 | 9·740 | |
| 11 | 9·747 | 9·743 | 9·729 | 9·717 | 9·711 | 9·707 | 9·707 | 9·711 | 9·711 | 9·713 | 9·727 | 9·734 | 9·728 | 9·722 | 9·712 | 9·714 | 9·716 | 9·716 | 9·722 | 9·728 | 9·738 | 9·748 | 9·748 | 9·752 | 9·760 | 9·725 |
| 12 | 9·760 | 9·762 | 9·772 | 9·772 | 9·780 | 9·790 | 9·820 | 9·826 | 9·848 | 9·872 | 9·886 | 9·895 | 9·905 | 9·923 | 9·933 | 9·939 | 9·955 | 9·969 | 9·989 | 0·003 | 0·027 | 0·033 | 0·045 | 0·049 | 0·055 | 9·904 |
| 13 | 0·055 | 0·057 | 0·059 | 0·061 | 0·063 | 0·059 | 0·077 | 0·091 | 0·093 | 0·103 | 0·113 | 0·119 | 0·111 | 0·121 | 0·125 | 0·127 | 0·123 | 0·119 | 0·119 | 0·121 | 0·123 | 0·119 | 0·123 | 0·125 | 0·121 | 0·102 |
| 14 | 0·121 | 0·119 | 0·109 | 0·101 | 0·087 | 0·079 | 0·079 | 0·081 | 0·085 | 0·079 | 0·060 | 0·055 | 0·043 | 0·037 | 0·023 | 0·015 | 0·001 | 9·987 | 9·977 | 9·969 | 9·959 | 9·949 | 9·943 | 9·923 | 9·895 | 0·032 |
| 15 | 9·895 | 9·875 | 9·865 | 9·845 | 9·825 | 9·813 | 9·815 | 9·811 | 9·809 | 9·805 | 9·810 | 9·817 | 9·821 | 9·833 | 9·841 | 9·849 | 9·863 | 9·873 | 9·893 | 9·907 | 9·941 | 9·945 | 9·953 | 9·975 | 9·999 | 9·864 |
| 16 | 9·999 | 9·993 | 0·011 | 0·021 | 0·011 | 0·009 | 0·001 | 0·007 | 0·011 | 0·019 | 0·011 | 0·022 | 0·022 | 0·008 | 9·988 | 9·960 | 9·970 | 9·962 | 9·952 | 9·952 | 9·950 | 9·950 | 9·942 | 9·916 | 9·916 | 9·987 |
| 17 | 9·916 | 9·910 | 9·900 | 9·898 | 9·894 | 9·894 | 9·894 | 9·896 | 9·896 | 9·900 | 9·902 | 9·898 | 9·896 | 9·890 | 9·882 | 9·866 | 9·850 | 9·848 | 9·836 | 9·818 | 9·824 | 9·820 | 9·808 | 9·796 | 9·786 | 9·869 |
| 18 | 9·786 | 9·776 | 9·748 | 9·726 | 9·710 | 9·708 | 9·706 | 9·708 | 9·728 | 9·728 | 9·736 | 9·737 | 9·733 | 9·721 | 9·715 | 9·713 | 9·721 | 9·729 | 9·735 | 9·733 | 9·741 | 9·745 | 9·753 | 9·763 | 9·775 | 9·733 |
| 19 | 9·775 | 9·771 | 9·771 | 9·775 | 9·781 | 9·789 | 9·803 | 9·819 | 9·827 | 9·833 | 9·845 | 9·835 | 9·833 | 9·839 | 9·839 | 9·829 | 9·825 | 9·817 | 9·821 | 9·815 | 9·815 | 9·807 | 9·793 | 9·785 | 9·777 | 9·810 |
| 20 | 9·777 | 9·749 | 9·725 | 9·707 | 9·695 | 9·695 | 9·701 | 9·701 | 9·707 | 9·725 | 9·733 | 9·740 | 9·760 | 9·772 | 9·792 | 9·804 | 9·818 | 9·828 | 9·846 | 9·860 | 9·882 | 9·890 | 9·890 | 9·896 | 9·902 | 9·781 |
| 21 | 9·902 | 9·894 | 9·894 | 9·892 | 9·888 | 9·886 | 9·890 | 9·892 | 9·894 | 9·894 | 9·896 | 9·889 | 9·879 | 9·871 | 9·863 | 9·847 | 9·829 | 9·825 | 9·819 | 9·813 | 9·807 | 9·793 | 9·779 | 9·779 | 9·755 | 9·856 |
| 22 | 9·755 | 9·743 | 9·731 | 9·715 | 9·689 | 9·659 | 9·643 | 9·651 | 9·639 | 9·631 | 9·621 | 9·603 | 9·597 | 9·581 | 9·575 | 9·569 | 9·569 | 9·571 | 9·577 | 9·585 | 9·591 | 9·593 | 9·605 | 9·603 | 9·591 | 9·626 |
| 23 | 9·591 | 9·585 | 9·575 | 9·571 | 9·567 | 9·581 | 9·599 | 9·605 | 9·619 | 9·631 | 9·637 | 9·634 | 9·642 | 9·640 | 9·636 | 9·640 | 9·648 | 9·664 | 9·680 | 9·694 | 9·714 | 9·722 | 9·728 | 9·732 | 9·730 | 9·642 |
| 24 | 9·736 | 9·744 | 9·748 | 9·750 | 9·754 | 9·756 | 9·764 | 9·772 | 9·786 | 9·796 | 9·808 | 9·812 | 9·808 | 9·800 | 9·802 | 9·804 | 9·802 | 9·804 | 9·812 | 9·820 | 9·834 | 9·834 | 9·828 | 9·820 | 9·816 | 9·793 |
| 25 | 9·816 | 9·812 | 9·802 | 9·794 | 9·786 | 9·780 | 9·782 | 9·772 | 9·770 | 9·768 | 9·766 | 9·748 | 9·748 | 9·720 | 9·708 | 9·686 | 9·656 | 9·628 | 9·610 | 9·576 | 9·566 | 9·586 | 9·610 | 9·612 | 9·636 | 9·709 |
| 26 | 9·636 | 9·652 | 9·656 | 9·660 | 9·682 | 9·704 | 9·726 | 9·740 | 9·760 | 9·772 | 9·786 | 9·787 | 9·791 | 9·797 | 9·795 | 9·795 | 9·803 | 9·807 | 9·811 | 9·813 | 9·809 | 9·811 | 9·805 | 9·807 | 9·801 | 9·762 |
| 27 | 9·801 | 9·799 | 9·779 | 9·743 | 9·741 | 9·731 | 9·715 | 9·699 | 9·673 | 9·659 | 9·635 | 9·631 | 9·633 | 9·635 | 9·639 | 9·645 | 9·657 | 9·667 | 9·685 | 9·701 | 9·717 | 9·727 | 9·723 | 9·723 | 9·721 | 9·697 |
| 28 | 9·721 | 9·715 | 9·713 | 9·707 | 9·719 | 9·725 | 9·737 | 9·

## FALMOUTH. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. SEPTEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 22 | 21 | 22 | 22 | 22 | 26 | 22 | 29 | 22 | 27 | 22 | 31 | 23 | 32 | 23 | 29 | 24 | 28 | 25 | 23 | 24 | 25 | 25 | 25 |
| 2 | 26 | 10 | 27 | 10 | 26 | 11 | 26 | 12 | 26 | 10 | 26 | 10 | 26 | 10 | 25 | 10 | 25 | 12 | 26 | 12 | 25 | 12 | 26 | 14 |
| 3 | — | 2 | — | 3 | 15 | 6 | 15 | 4 | 14 | 8 | 13 | 10 | 12 | 13 | 12 | 12 | 12 | 12 | 13 | 12 | 16 | 4 | 22 | 12 |
| 4 | 21 | 12 | 23 | 12 | 22 | 12 | 24 | 9 | 28 | 7 | 29 | 5 | 28 | 6 | 32 | 9 | 31 | 11 | 32 | 16 | 1 | 14 | 1 | 12 |
| 5 | 31 | 4 | — | 3 | 31 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 17 | 4 | 22 | 6 | 22 | 10 |
| 6 | 22 | 6 | 22 | 5 | 22 | 4 | 21 | 6 | 22 | 7 | 22 | 6 | 22 | 4 | 21 | 9 | 20 | 11 | 20 | 11 | 20 | 12 | 21 | 12 |
| 7 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 3 | 19 | 4 | 17 | 4 | 16 | 4 | 15 | 5 | 13 | 5 | 14 | 6 |
| 8 | — | 3 | 20 | 4 | 20 | 4 | 18 | 5 | 17 | 5 | 18 | 12 | 18 | 10 | 18 | 10 | 18 | 12 | 18 | 11 | 18 | 15 | 18 | 18 |
| 9 | 22 | 19 | 22 | 21 | 22 | 19 | 22 | 23 | 22 | 21 | 22 | 22 | 22 | 21 | 23 | 21 | 23 | 22 | 23 | 21 | 23 | 22 | 23 | 19 |
| 10 | 27 | 6 | 26 | 5 | 27 | 4 | 27 | 6 | 25 | 5 | 26 | 6 | 24 | 5 | 27 | 5 | 28 | 8 | 30 | 7 | 30 | 7 | 28 | 7 |
| 11 | 26 | 4 | 28 | 5 | 28 | 6 | 28 | 6 | 27 | 5 | 30 | 5 | 31 | 4 | 31 | 4 | 31 | 7 | 28 | 6 | 26 | 8 | 28 | 8 |
| 12 | 31 | 4 | 31 | 4 | 31 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | 31 | 4 | 27 | 5 | 30 | 7 | 31 | 8 | 27 | 8 |
| 13 | — | 3 | — | 3 | — | 3 | — | 3 | — | 2 | — | 3 | — | 2 | 22 | 5 | 21 | 7 | 21 | 6 | 23 | 8 | 21 | 9 |
| 14 | 21 | 4 | 21 | 4 | 21 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | 21 | 4 | 19 | 8 | 18 | 9 | 18 | 9 | 17 | 10 | 17 | 9 |
| 15 | 18 | 5 | 18 | 4 | 19 | 5 | 19 | 6 | 19 | 7 | 19 | 10 | 19 | 8 | 19 | 10 | 21 | 9 | 26 | 9 | 28 | 11 | 27 | 12 |
| 16 | 27 | 4 | 27 | 4 | 25 | 4 | 22 | 4 | 22 | 5 | 20 | 5 | 20 | 6 | 19 | 9 | 19 | 10 | 19 | 13 | 19 | 14 | 19 | 14 | 19 | 14 |
| 17 | 19 | 10 | 19 | 11 | 18 | 7 | 18 | 7 | 18 | 9 | 18 | 7 | 18 | 8 | 19 | 8 | 19 | 8 | 18 | 8 | 15 | 5 | 19 | 11 |
| 18 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | 13 | 4 | 13 | 4 |
| 19 | 18 | 4 | 18 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | 16 | 4 | 14 | 5 | 14 | 4 | 16 | 4 |
| 20 | 11 | 5 | 10 | 7 | 10 | 7 | 13 | 6 | 16 | 4 | — | 3 | — | 3 | 19 | 5 | 21 | 5 | 24 | 5 | 28 | 10 | 29 | 9 |
| 21 | 24 | 5 | 24 | 4 | — | 3 | 24 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | 18 | 4 | 18 | 7 | 15 | 5 | 15 | 7 |
| 22 | 15 | 7 | 15 | 9 | 13 | 10 | 13 | 11 | 12 | 13 | 13 | 15 | 12 | 14 | 12 | 13 | 12 | 14 | 11 | 12 | 10 | 13 | 9 | 12 |
| 23 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | 28 | 4 | 29 | 4 | 28 | 7 | 27 | 8 | 25 | 8 | 26 | 9 | 25 | 9 |
| 24 | 31 | 7 | 30 | 7 | 30 | 8 | 30 | 6 | 30 | 7 | 30 | 7 | 30 | 7 | 31 | 7 | 31 | 9 | 31 | 9 | 30 | 9 | 29 | 12 |
| 25 | — | 2 | 28 | 4 | — | 2 | — | 2 | — | 2 | -- | 2 | — | 3 | 18 | 4 | 17 | 4 | 17 | 5 | 16 | 7 | 16 | 7 |
| 26 | 22 | 4 | 22 | 4 | 22 | 5 | 22 | 7 | 22 | 7 | 22 | 4 | 22 | 6 | 23 | 8 | 23 | 8 | 23 | 12 | 20 | 12 | 20 | 15 |
| 27 | 20 | 4 | — | 3 | 16 | 5 | 17 | 5 | 17 | 5 | 15 | 4 | 13 | 8 | 12 | 10 | 12 | 9 | 14 | 7 | 18 | 10 | 18 | 12 |
| 28 | 14 | 4 | 18 | 11 | 19 | 12 | 19 | 10 | 18 | 7 | 18 | 6 | 18 | 8 | 20 | 4 | — | 3 | 17 | 6 | 18 | 9 | 18 | 9 |
| 29 | 15 | 4 | 15 | 5 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 6 | 14 | 4 | 13 | 5 | 14 | 4 | 15 | 4 | 14 | 7 | 13 | 6 |
| 30 | — | 3 | — | 3 | — | 3 | — | 3 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 4 | 13 | 6 | 13 | 5 |
| Mean ... | — | 6 | — | 6 | — | 6 | — | 7 | — | 6 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 | — | 10 | — | 11 |
| Mean, 1881–1905. | — | 7·2 | — | 7·3 | — | 7·1 | — | 7·0 | — | 7·0 | — | 7·1 | — | 7·3 | — | 8·2 | — | 9·5 | — | 10·1 | — | 11·2 | — | 11·2 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## FALMOUTH. TABLE IV.—Rainfall in Hundredths of English Inches. SEPTEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | 01 | 07 | — | — | 03 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 |
| 2 | 01 | 02 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | 05 |
| 3 | — | 01 | 04 | 09 | 04 | 03 | 08 | 09 | 04 | 02 | — | — | — | — | — | — | — | — | 01 | 01 | 03 | 02 | 01 | 02 | 54 |
| 4 | — | 01 | 01 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | 01 | — | — | — | — | — | — | 08 | 05 | 02 | — | — | — | — | — | — | — | — | — | — | — | 03 | 19 |
| 9 | 02 | — | 01 | — | — | — | — | — | — | — | — | 01 | — | — | 03 | — | — | 01 | 01 | — | — | — | — | — | 09 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 03 | — | 05 |
| 11 | — | 04 | 01 | — | — | 03 | 07 | — | 01 | 08 | 01 | — | — | — | — | — | — | — | 06 | 03 | 03 | — | 01 | — | 38 |
| 12 | — | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | 01 | 01 | — | 01 | 02 | 01 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 08 |
| 16 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | 20 | 24 |
| 20 | 11 | 10 | 07 | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 29 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | 03 | 02 | 01 | 01 | 01 | — | 01 | 10 |
| 22 | 08 | 14 | 04 | 02 | 11 | 07 | 07 | 10 | 05 | 06 | 04 | 02 | 02 | 02 | 01 | — | — | — | — | — | — | — | — | 05 | 90 |
| 23 | 02 | — | 01 | 03 | 02 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 09 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 10 | 25 | 03 | — | 01 | — | 39 |
| 27 | — | — | — | — | 01 | 02 | 05 | 06 | 07 | 03 | — | — | — | 01 | — | — | — | — | — | — | — | — | 01 | 03 | 01 |
| 28 | 01 | — | — | — | 01 | 01 | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 29 |
| 29 | 01 | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 04 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 |
| Sum ... | 26 | 35 | 24 | 23 | 20 | 19 | 33 | 29 | 17 | 28 | 10 | 05 | 03 | 03 | 04 | 01 | 01 | 04 | 20 | 30 | 10 | 05 | 10 | 34 | 3·94 |
| Average 1871–1905. | ·186 | ·193 | ·192 | ·174 | ·163 | ·162 | ·176 | ·163 | ·182 | ·167 | ·117 | ·138 | ·130 | ·123 | ·134 | ·121 | ·137 | ·140 | ·156 | ·149 | ·128 | ·144 | ·154 | ·168 | 3·699 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



## AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. SEPTEMBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 25 | 23 | 26 | 22 | 26 | 21 | 26 | 18 | 26 | 17 | 25 | 15 | 25 | 11 | 25 | 12 | 25 | 15 | 25 | 12 | 26 | 12 | 25 | 10 | 21 | 1 |
| 26 | 13 | 26 | 12 | 26 | 12 | 25 | 10 | 26 | 8 | 27 | 4 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | 8 | 2 |
| 22 | 16 | 23 | 15 | 23 | 13 | 21 | 13 | 23 | 13 | 22 | 11 | 21 | 11 | 21 | 11 | 21 | 11 | 21 | 13 | 21 | 12 | 21 | 11 | 10 | 3 |
| 1 | 10 | 1 | 15 | 1 | 13 | 1 | 10 | 1 | 10 | 32 | 9 | 32 | 10 | 32 | 7 | 32 | 4 | — | 3 | — | 3 | — | 3 | 9 | 4 |
| 21 | 10 | 22 | 11 | 21 | 8 | 26 | 9 | 24 | 7 | 25 | 6 | 23 | 6 | 23 | 6 | 23 | 7 | 23 | 7 | 23 | 7 | 22 | 6 | 6 | 5 |
| 21 | 12 | 21 | 12 | 21 | 11 | 20 | 10 | 20 | 11 | 20 | 9 | 20 | 7 | 21 | 4 | 21 | 4 | — | 2 | — | 2 | — | 1 | 7 | 6 |
| 14 | 6 | 14 | 7 | 13 | 5 | 14 | 5 | — | 3 | 20 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 7 |
| 20 | 19 | 20 | 22 | 24 | 18 | 22 | 20 | 22 | 21 | 22 | 18 | 22 | 18 | 22 | 21 | 21 | 21 | 22 | 23 | 22 | 21 | 22 | 21 | 15 | 8 |
| 24 | 21 | 23 | 18 | 24 | 18 | 24 | 14 | 25 | 11 | 23 | 14 | 24 | 10 | 24 | 8 | 26 | 9 | 26 | 7 | 26 | 7 | 27 | 7 | 16 | 9 |
| 30 | 7 | 28 | 7 | 29 | 9 | 28 | 8 | 29 | 7 | 28 | 4 | — | 3 | 28 | 4 | 26 | 4 | 24 | 4 | 27 | 6 | 23 | 4 | 6 | 10 |
| 29 | 9 | 28 | 11 | 28 | 10 | 29 | 10 | 30 | 8 | 29 | 7 | 29 | 4 | 31 | 4 | 28 | 4 | 28 | 6 | — | 3 | — | 3 | 6 | 11 |
| 30 | 7 | 28 | 7 | 28 | 7 | 29 | 8 | 29 | 7 | 28 | 4 | — | 2 | — | 3 | 28 | 4 | 28 | 4 | 28 | 4 | — | 3 | 5 | 12 |
| 20 | 9 | 21 | 10 | 21 | 9 | 21 | 7 | 19 | 6 | 19 | 5 | — | 3 | 19 | 4 | 19 | 4 | — | 3 | — | 2 | 19 | 4 | 5 | 13 |
| 17 | 9 | 17 | 8 | 19 | 8 | 18 | 7 | 18 | 6 | 18 | 4 | 18 | 4 | 18 | 6 | 18 | 6 | 18 | 5 | — | 3 | — | 3 | 6 | 14 |
| 26 | 12 | 27 | 13 | 27 | 14 | 26 | 11 | 27 | 10 | 27 | 7 | 27 | 6 | 27 | 6 | 26 | 5 | 27 | 7 | 27 | 5 | 27 | 7 | 8 | 15 |
| 18 | 13 | 18 | 15 | 18 | 15 | 19 | 15 | 19 | 13 | 19 | 12 | 19 | 12 | 19 | 12 | 19 | 14 | 19 | 12 | 19 | 11 | 19 | 9 | 10 | 16 |
| 18 | 8 | 14 | 7 | 18 | 7 | 14 | 6 | 14 | 4 | 14 | 4 | 13 | 6 | 13 | 5 | — | 3 | — | 2 | — | 3 | 13 | 4 | 7 | 17 |
| 13 | 5 | 16 | 5 | 17 | 6 | 18 | 4 | 16 | 4 | 17 | 4 | 16 | 4 | 17 | 7 | 18 | 8 | 18 | 8 | 18 | 6 | 18 | 6 | 4 | 18 |
| 15 | 4 | 15 | 4 | 15 | 4 | 14 | 5 | 13 | 4 | — | 2 | — | 3 | 9 | 6 | 8 | 7 | 8 | 7 | 8 | 6 | 11 | 4 | 4 | 19 |
| 28 | 10 | 28 | 10 | 28 | 10 | 26 | 9 | 26 | 9 | 27 | 7 | 24 | 5 | 25 | 5 | 25 | 4 | 24 | 4 | 24 | 5 | 24 | 4 | 6 | 20 |
| 17 | 7 | 17 | 6 | 16 | 5 | 16 | 6 | 17 | 6 | 17 | 5 | 16 | 4 | 16 | 5 | 15 | 7 | 14 | 9 | 15 | 9 | 15 | 8 | 5 | 21 |
| 9 | 12 | 9 | 10 | 8 | 7 | 10 | 4 | — | 2 | 19 | 5 | 19 | 4 | 20 | 6 | — | 2 | — | 2 | — | 2 | — | 1 | 8 | 22 |
| 27 | 7 | 26 | 6 | 27 | 7 | 29 | 8 | 30 | 7 | 30 | 4 | — | 3 | 30 | 4 | 30 | 7 | 31 | 7 | 30 | 7 | 31 | 7 | 6 | 23 |
| 29 | 12 | 29 | 11 | 30 | 11 | 29 | 10 | 29 | 7 | 28 | 4 | 29 | 4 | — | 3 | — | 3 | — | 3 | 28 | 4 | — | 2 | 7 | 24 |
| 16 | 7 | 17 | 9 | 17 | 10 | 16 | 10 | 16 | 11 | 16 | 12 | 17 | 12 | 18 | 12 | 21 | 7 | 21 | 8 | 21 | 10 | 22 | 8 | 7 | 25 |
| 20 | 13 | 21 | 12 | 20 | 12 | 20 | 12 | 21 | 7 | 21 | 4 | — | 3 | 21 | 4 | 21 | 4 | 21 | 4 | 21 | 4 | 20 | 4 | 7 | 26 |
| 21 | 12 | 20 | 13 | 21 | 12 | 21 | 10 | 21 | 7 | 20 | 7 | 20 | 6 | 19 | 7 | 19 | 6 | 17 | 4 | — | 3 | 14 | 4 | 7 | 27 |
| 18 | 8 | 17 | 7 | 17 | 9 | 16 | 6 | 17 | 6 | 18 | 7 | 17 | 7 | 16 | 7 | 16 | 7 | 17 | 7 | 16 | 7 | 15 | 7 | 7 | 28 |
| 13 | 6 | 12 | 6 | 12 | 7 | 12 | 7 | 12 | 5 | 13 | 4 | 13 | 5 | 13 | 4 | — | 3 | — | 3 | 14 | 4 | — | 3 | 5 | 29 |
| 13 | 5 | 13 | 5 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 11 | 4 | — | 3 | — | 1 | 3 | 30 |
| — | 10 | — | 11 | — | 10 | — | 9 | — | 8 | — | 7 | — | 6 | — | 6 | — | 6 | — | 6 | — | 6 | — | 5 | 8 | |
| — | 11·4 | — | 11·3 | — | 11·0 | — | 10·6 | — | 9·7 | — | 8·7 | — | 7·8 | — | 7·6 | — | 7·5 | — | 7·5 | — | 7·4 | — | 7·5 | 8·7 | Mean, 1881–1905. |

## FALMOUTH. TABLE V.—Duration of Bright Sunshine in Hours. SEPTEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·1 | ·3 | ·8 | ·7 | ·4 | ·9 | ·9 | ·9 | 1·0 | ·9 | ·8 | — | — | — | 7·7 | ● early, then bright, but squally. |
| 2 | — | — | — | ·4 | ·5 | ·9 | 1·0 | ·4 | ·9 | ·4 | ·4 | ·4 | — | — | — | — | — | 5·3 | ●[9] at first, then fine to cloudy. |
| 3 | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | 0·1 | Dull, with ● 2h.–10h. and 19h.–24h. |
| 4 | — | — | — | ·3 | ·1 | — | — | — | — | — | — | — | — | — | — | — | — | 0·6 | ●[9] early, overcast generally. |
| 5 | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·9 | ·9 | ·8 | ·8 | ·2 | 1·0 | ·8 | ·6 | ·2 | — | — | 9·7 | Fine. |
| 6 | — | — | — | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | 10·6 | Fine. |
| 7 | — | — | — | ·5 | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | 10·7 | Fine day, ☾ at night. |
| 8 | — | — | — | — | — | — | — | — | ·3 | 1·0 | ·7 | ·8 | 1·0 | ·8 | ·1 | — | — | 4·7 | A.M. dull, with ●; P.M. bright, but squally. |
| 9 | — | — | ·2 | ·9 | 1·0 | ·9 | 1·0 | ·9 | ·8 | ·9 | ·8 | ·2 | ·2 | — | — | — | — | 7·8 | Squally, with occasional ●[9] showers. |
| 10 | — | — | ·2 | ·5 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | 10·9 | Fine day; ●[9] at night. |
| 11 | — | — | — | — | ·4 | ·5 | — | ·6 | ·4 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | 7·2 | ●[2] and ▲[2] showers morning and night; |
| 12 | — | — | ·4 | 1·0 | 1·0 | ·7 | ·7 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | 10·9 | Fine and bright. [bright afternoon. |
| 13 | — | — | ·3 | ·9 | 1·0 | 1·0 | ·9 | ·9 | ·8 | ·6 | ·8 | ·3 | ·2 | — | — | — | — | 7·7 | Fine to cloudy and overcast. |
| 14 | — | — | — | — | ·3 | ·4 | ·9 | 1·0 | 1·0 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | — | — | — | 8·4 | Cloudy to bright. |
| 15 | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | 8·1 | Cloudy with ●[9] early, then clearing. |
| 16 | — | — | — | ·1 | ·3 | — | — | — | — | — | — | ·1 | ·2 | ·4 | — | — | — | 1·1 | Dull most of day. |
| 17 | — | — | — | — | ·3 | ·5 | ·9 | ·9 | ·8 | ·5 | ·3 | ·4 | ·9 | ·5 | — | — | — | 6·0 | Fair. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | [13h.–15h. |
| 19 | — | — | — | — | — | — | — | — | ·9 | ·9 | ·5 | — | — | — | — | — | — | 2·3 | Overcast and ≋, clearing somewhat |
| 20 | — | — | — | — | — | — | — | — | — | — | — | 1·0 | ·1 | — | — | — | — | 1·1 | Dull day, with ≋ A.M. and ●[2] at night. |
| 21 | — | — | — | — | — | — | — | — | — | ·1 | — | ·4 | 1·0 | ·2 | — | — | — | 1·7 | ● till 4h., then dull to fair. |
| 22 | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·1 | — | — | — | — | — | — | — | — | 5·8 | A.M. bright; P.M. overcast and ●[9]. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Continuous ● 1h.–15h., then dull. |
| 24 | — | — | — | — | — | ·1 | ·7 | ·2 | ·1 | ·4 | ·3 | ·1 | — | — | — | — | — | 1·9 | ●[9] early, then fair to overcast. |
| 25 | — | — | ·1 | ·4 | ·6 | ·2 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·6 | — | — | — | — | 6·9 | Fair to bright; dark haze to N.W. at 16h. |
| 26 | — | — | — | — | — | ·1 | — | ·2 | ·2 | — | — | — | — | — | — | — | — | 0·5 | Dull most of day; ●[2] 19h.–20h. |
| 27 | — | — | ·7 | ·5 | 1·0 | 1·0 | 1·0 | ·5 | ·9 | ·6 | ·9 | ·4 | — | — | — | — | — | 7·5 | Fine. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Damp overcast day. |
| 29 | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | — | — | 0·2 | Dull all day; ≋[9] at night. |
| 30 | — | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | 7·4 | ≋[9] early; then cloudy to bright. |
| | — | — | — | — | ·9 | ·8 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | 9·2 | Very fine day. |
| | — | — | 1·6 | 8·2 | 11·3 | 13·1 | 14·7 | 16·0 | 16·6 | 17·2 | 16·1 | 16·9 | 14·8 | 13·1 | 2·4 | — | — | 162·0 | Total. |
| | — | 0·03 | 1·11 | 8·01 | 12·83 | 14·67 | 15·52 | 15·70 | 15·87 | 16·54 | 16·00 | 15·52 | 14·40 | 10·11 | 1·90 | — | — | 158·21 | Mean Total, 1881–1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. SEPTEMBER, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54·0 | 54·0 | 54·1 | 55·0 | 54·5 | 54·4 | 55·2 | 56·3 | 54·0 | 57·4 | 58·2 | 59·1 | 60·2 | 60·0 | 60·0 | 60·1 | 60·3 | 59·0 | 57·9 | 56·4 | 55·6 | 55·6 | 55·5 | 55·2 | 54·7 | 56·8 |
| 2 | 54·7 | 54·2 | 53·8 | 53·3 | 53·0 | 53·3 | 53·6 | 54·2 | 55·3 | 56·8 | 58·3 | 58·8 | 58·7 | 61·0 | 59·0 | 59·3 | 58·3 | 56·0 | 55·4 | 55·1 | 54·1 | 54·0 | 52·5 | 51·9 | 52·2 | 55·6 |
| 3 | 52·2 | 53·3 | 54·0 | 54·2 | 54·2 | 52·1 | 52·6 | 54·0 | 54·4 | 55·6 | 56·0 | 58·8 | 60·3 | 62·0 | 60·3 | 60·3 | 60·2 | 60·0 | 59·7 | 59·0 | 59·0 | 58·9 | 58·9 | 58·9 | 58·6 | 57·2 |
| 4 | 58·6 | 58·1 | 58·0 | 57·9 | 57·9 | 55·2 | 54·6 | 56·0 | 56·3 | 55·5 | 55·4 | 55·3 | 55·9 | 55·0 | 56·0 | 55·0 | 55·0 | 54·7 | 54·8 | 55·0 | 53·4 | 52·0 | 51·2 | 50·8 | 49·9 | 55·1 |
| 5 | 49·9 | 49·0 | 49·2 | 48·7 | 47·3 | 47·0 | 47·2 | 49·8 | 52·7 | 54·1 | 56·0 | 57·8 | 58·8 | 59·7 | 58·0 | 59·0 | 58·6 | 59·0 | 56·8 | 54·2 | 53·0 | 53·0 | 53·0 | 52·7 | 52·1 | 53·6 |
| 6 | 52·1 | 52·1 | 52·0 | 52·6 | 53·9 | 53·2 | 52·4 | 53·9 | 56·2 | 58·0 | 59·0 | 60·0 | 61·2 | 60·0 | 60·0 | 60·7 | 59·7 | 58·9 | 57·0 | 55·0 | 53·6 | 53·0 | 53·0 | 53·1 | 52·8 | 55·9 |
| 7 | 52·8 | 52·9 | 53·3 | 53·9 | 53·3 | 51·9 | 52·0 | 53·3 | 55·0 | 57·0 | 58·0 | 59·0 | 59·8 | 60·0 | 59·8 | 59·9 | 59·3 | 59·0 | 58·2 | 54·7 | 52·1 | 51·2 | 50·3 | 50·0 | 48·1 | 55·2 |
| 8 | 48·1 | 48·9 | 49·0 | 50·0 | 53·3 | 54·9 | 55·2 | 56·2 | 57·2 | 57·9 | 58·1 | 58·0 | 58·0 | 60·0 | 61·2 | 60·0 | 58·1 | 57·7 | 56·0 | 55·0 | 54·3 | 54·7 | 54·0 | 54·2 | 53·6 | 55·6 |
| 9 | 53·6 | 52·9 | 53·4 | 53·1 | 53·1 | 53·2 | 53·0 | 53·8 | 55·0 | 56·8 | 57·0 | 57·9 | 53·3 | 57·9 | 55·2 | 55·4 | 54·4 | 54·2 | 52·2 | 51·1 | 51·9 | 51·9 | 51·6 | 51·8 | 51·1 | 53·9 |
| 10 | 51·1 | 51·0 | 49·6 | 49·0 | 48·8 | 48·2 | 47·9 | 49·0 | 52·1 | 53·7 | 53·3 | 54·0 | 54·2 | 54·3 | 55·0 | 55·0 | 54·0 | 53·4 | 51·7 | 49·0 | 47·3 | 49·9 | 49·3 | 49·9 | 48·5 | 51·2 |
| 11 | 48·5 | 50·0 | 50·0 | 49·3 | 49·0 | 49·8 | 49·0 | 48·1 | 49·0 | 52·0 | 49·5 | 49·1 | 54·0 | 53·8 | 54·9 | 55·0 | 54·0 | 53·3 | 52·0 | 49·9 | 47·8 | 47·4 | 47·3 | 47·7 | 47·3 | 50·4 |
| 12 | 47·3 | 47·0 | 46·7 | 46·1 | 45·9 | 46·1 | 45·7 | 46·7 | 50·2 | 53·7 | 53·9 | 54·9 | 55·4 | 55·3 | 56·0 | 55·7 | 54·0 | 53·1 | 52·0 | 48·8 | 46·9 | 46·8 | 46·3 | 46·2 | 45·4 | 50·0 |
| 13 | 45·4 | 46·3 | 46·3 | 47·0 | 46·7 | 46·7 | 45·3 | 46·9 | 50·5 | 52·6 | 54·8 | 56·0 | 57·2 | 57·9 | 58·0 | 57·2 | 56·3 | 56·1 | 55·1 | 54·0 | 53·4 | 53·7 | 53·6 | 53·5 | 53·4 | 52·3 |
| 14 | 53·4 | 53·9 | 52·3 | 51·0 | 51·1 | 51·0 | 50·9 | 53·0 | 54·9 | 57·0 | 59·0 | 58·9 | 60·4 | 61·1 | 60·1 | 59·7 | 60·0 | 58·1 | 56·1 | 53·4 | 52·9 | 53·0 | 52·8 | 53·1 | 53·0 | 55·3 |
| 15 | 53·0 | 53·9 | 54·7 | 55·1 | 55·1 | 55·0 | 54·8 | 55·0 | 55·9 | 56·6 | 57·0 | 57·5 | 59·0 | 60·1 | 58·9 | 58·2 | 57·4 | 56·7 | 55·1 | 53·8 | 53·1 | 52·3 | 52·3 | 51·8 | 52·0 | 55·5 |
| 16 | 52·0 | 52·0 | 51·3 | 51·8 | 50·9 | 50·9 | 50·3 | 52·1 | 55·0 | 56·1 | 56·9 | 57·4 | 57·0 | 58·1 | 58·7 | 59·9 | 60·5 | 59·0 | 57·4 | 57·0 | 57·0 | 56·9 | 57·1 | 57·1 | 56·6 | 55·6 |
| 17 | 56·6 | 57·2 | 57·1 | 57·3 | 57·0 | 56·8 | 57·0 | 57·1 | 58·0 | 59·7 | 61·9 | 62·3 | 62·3 | 63·1 | 62·5 | 62·6 | 60·2 | 59·1 | 58·4 | 58·0 | 57·8 | 56·0 | 56·0 | 55·2 | 55·7 | 58·7 |
| 18 | 55·7 | 56·1 | 56·1 | 55·3 | 55·0 | 55·0 | 56·1 | 56·9 | 57·8 | 58·1 | 59·2 | 59·8 | 60·3 | 62·8 | 65·3 | 65·1 | 63·3 | 61·1 | 59·0 | 58·6 | 58·9 | 59·1 | 58·3 | 58·3 | 58·2 | 58·8 |
| 19 | 58·2 | 57·7 | 56·7 | 56·8 | 56·1 | 56·8 | 57·0 | 57·2 | 57·6 | 59·0 | 58·1 | 59·0 | 59·6 | 60·3 | 61·0 | 62·1 | 61·0 | 60·2 | 59·0 | 58·8 | 58·9 | 58·9 | 58·4 | 58·8 | 58·7 | 58·6 |
| 20 | 58·7 | 58·4 | 58·3 | 58·3 | 58·2 | 58·9 | 59·0 | 59·0 | 59·2 | 59·6 | 61·2 | 58·6 | 57·2 | 57·9 | 58·2 | 57·9 | 58·0 | 57·3 | 56·4 | 53·0 | 52·8 | 52·9 | 53·1 | 52·1 | 52·1 | 57·2 |
| 21 | 52·1 | 51·7 | 51·3 | 50·2 | 50·2 | 49·2 | 48·9 | 50·0 | 53·1 | 57·4 | 59·6 | 60·3 | 61·0 | 60·0 | 58·1 | 57·9 | 57·1 | 57·0 | 56·1 | 56·0 | 56·0 | 56·1 | 56·3 | 56·1 | 56·0 | 55·2 |
| 22 | 56·0 | 56·0 | 56·0 | 55·0 | 55·0 | 55·0 | 54·7 | 54·0 | 53·4 | 53·3 | 53·2 | 54·1 | 54·7 | 55·1 | 56·0 | 56·5 | 57·0 | 57·4 | 56·3 | 55·9 | 55·8 | 55·0 | 55·3 | 56·0 | 56·0 | 55·3 |
| 23 | 56·0 | 55·9 | 55·8 | 55·4 | 55·4 | 55·3 | 55·3 | 55·6 | 55·4 | 56·9 | 57·9 | 59·4 | 58·2 | 58·6 | 58·2 | 58·9 | 58·0 | 56·1 | 56·1 | 56·1 | 56·7 | 57·1 | 57·2 | 57·0 | 57·1 | 56·8 |
| 24 | 57·1 | 57·0 | 56·8 | 56·6 | 56·1 | 56·8 | 56·8 | 56·8 | 57·0 | 58·0 | 58·2 | 58·0 | 59·3 | 59·7 | 59·0 | 58·2 | 58·2 | 56·7 | 55·1 | 54·8 | 53·0 | 52·1 | 50·2 | 51·0 | 51·0 | 56·2 |
| 25 | 51·0 | 50·2 | 49·1 | 49·2 | 49·2 | 50·0 | 50·4 | 51·9 | 53·3 | 55·0 | 56·9 | 58·0 | 58·3 | 59·3 | 58·0 | 57·1 | 57·0 | 56·7 | 56·3 | 56·0 | 55·8 | 53·9 | 53·9 | 54·8 | 54·1 | 54·3 |
| 26 | 54·1 | 52·9 | 52·0 | 52·0 | 51·0 | 52·0 | 51·6 | 51·9 | 54·0 | 56·0 | 57·7 | 59·1 | 59·3 | 60·0 | 59·9 | 59·2 | 60·0 | 58·3 | 56·8 | 55·1 | 53·4 | 52·1 | 52·0 | 52·9 | 52·8 | 53·1 | 54·9 |
| 27 | 53·1 | 53·2 | 53·1 | 54·6 | 55·1 | 55·2 | 55·1 | 55·9 | 56·0 | 56·2 | 57·6 | 60·1 | 60·9 | 60·4 | 60·0 | 59·4 | 58·6 | 58·0 | 57·3 | 57·1 | 57·0 | 57·0 | 57·0 | 57·0 | 57·0 | 57·0 |
| 28 | 57·0 | 57·4 | 60·0 | 60·0 | 60·0 | 59·8 | 60·0 | 60·9 | 61·1 | 61·3 | 61·8 | 62·1 | 62·7 | 64·3 | 65·2 | 65·3 | 63·8 | 62·1 | 60·9 | 59·8 | 59·3 | 59·1 | 58·3 | 58·0 | 58·1 | 60·9 |
| 29 | 58·1 | 58·2 | 58·1 | 58·1 | 58·0 | 58·4 | 58·6 | 59·0 | 59·1 | 60·4 | 61·6 | 62·9 | 62·6 | 63·6 | 62·2 | 63·0 | 62·1 | 61·1 | 59·8 | 58·8 | 58·3 | 58·0 | 57·2 | 57·1 | 57·0 | 59·7 |
| 30 | 57·0 | 57·1 | 56·8 | 57·3 | 58·1 | 58·0 | 58·0 | 58·2 | 59·0 | 60·3 | 60·8 | 62·0 | 62·8 | 62·1 | 62·7 | 63·3 | 62·3 | 62·0 | 60·3 | 59·9 | 59·3 | 59·1 | 58·3 | 58·0 | 57·0 | 59·7 |
| Mean ... | 53·6 | 53·6 | 53·5 | 53·5 | 53·4 | 53·3 | 53·3 | 54·1 | 55·2 | 56·8 | 57·6 | 58·3 | 58·8 | 59·5 | 59·3 | 59·3 | 58·5 | 57·7 | 56·4 | 55·3 | 54·6 | 54·4 | 54·0 | 54·0 | 53·7 | 55·7 |
| Mean, 1871–1905. | 55·4 | 55·3 | 55·1 | 55·0 | 54·8 | 54·7 | 54·6 | 55·3 | 56·6 | 58·2 | 59·0 | 60·0 | 60·3 | 60·7 | 60·5 | 60·3 | 59·8 | 59·1 | 58·0 | 56·9 | 56·3 | 56·0 | 55·7 | 55·5 | 55·3 | 57·2 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). SEPTEMBER, 1908.

| | % 1. | % 2. | % 3. | % 4. | % 5. | % 6. | % 7. | % 8. | % 9. | % 10. | % 11. | % Noon. | % 13. | % 14. | % 15. | % 16. | % 17. | % 18. | % 19. | % 20. | % 21. | % 22. | % 23. | % Midt. | % Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 74 | 75 | 77 | 78 | 78 | 78 | 69 | 68 | 87 | 77 | 75 | 72 | 71 | 72 | 72 | 74 | 75 | 76 | 81 | 85 | 85 | 85 | 85 | 85 | 77·3 |
| 2 | 86 | 85 | 85 | 85 | 83 | 85 | 85 | 84 | 80 | 75 | 69 | 67 | 67 | 62 | 67 | 70 | 71 | 83 | 88 | 88 | 91 | 86 | 92 | 94 | 93 | 80·5 |
| 3 | 93 | 94 | 93 | 94 | 98 | 93 | 91 | 94 | 97 | 96 | 96 | 95 | 98 | 93 | 92 | 92 | 93 | 94 | 92 | 95 | 94 | 97 | 97 | 97 | 96 | 94·6 |
| 4 | 96 | 97 | 94 | 94 | 95 | 98 | 92 | 89 | 92 | 93 | 91 | 85 | 81 | 81 | 76 | 80 | 75 | 73 | 76 | 75 | 78 | 81 | 85 | 85 | 87 | 85·8 |
| 5 | 87 | 86 | 84 | 84 | 88 | 86 | 86 | 81 | 74 | 75 | 73 | 66 | 62 | 67 | 73 | 76 | 70 | 71 | 73 | 84 | 87 | 87 | 88 | 92 | 92 | 79·0 |
| 6 | 92 | 92 | 92 | 93 | 88 | 91 | 91 | 89 | 87 | 81 | 76 | 77 | 76 | 75 | 74 | 73 | 77 | 77 | 81 | 88 | 91 | 93 | 95 | 94 | 94 | 85·1 |
| 7 | 94 | 95 | 97 | 95 | 97 | 95 | 95 | 97 | 93 | 87 | 86 | 86 | 82 | 84 | 83 | 84 | 85 | 85 | 74 | 89 | 92 | 94 | 98 | 96 | 97 | 90·2 |
| 8 | 97 | 96 | 95 | 93 | 96 | 94 | 92 | 90 | 87 | 86 | 94 | 95 | 89 | 87 | 72 | 70 | 69 | 72 | 76 | 73 | 71 | 73 | 70 | 76 | 84 | 84·2 |
| 9 | 76 | 87 | 79 | 80 | 75 | 79 | 75 | 75 | 72 | 70 | 67 | 62 | 79 | 63 | 75 | 73 | 80 | 78 | 78 | 85 | 81 | 77 | 78 | 77 | 78 | 75·9 |
| 10 | 78 | 79 | 81 | 85 | 81 | 85 | 86 | 81 | 73 | 66 | 64 | 66 | 63 | 62 | 61 | 63 | 64 | 64 | 70 | 77 | 83 | 81 | 89 | 87 | 90 | 74·8 |
| 11 | 90 | 88 | 86 | 86 | 87 | 87 | 86 | 91 | 92 | 80 | 84 | 84 | 80 | 76 | 70 | 70 | 66 | 67 | 71 | 80 | 89 | 90 | 88 | 86 | 91 | 82·3 |
| 12 | 91 | 86 | 87 | 91 | 89 | 88 | 88 | 88 | 83 | 73 | 69 | 66 | 65 | 63 | 61 | 65 | 66 | 69 | 74 | 81 | 87 | 82 | 84 | 85 | 90 | 78·3 |
| 13 | 90 | 84 | 83 | 80 | 81 | 81 | 85 | 84 | 77 | 72 | 70 | 65 | 64 | 66 | 64 | 66 | 68 | 71 | 80 | 82 | 85 | 85 | 85 | 87 | 84 | 77·2 |
| 14 | 84 | 81 | 91 | 92 | 93 | 93 | 94 | 89 | 89 | 82 | 77 | 73 | 72 | 72 | 76 | 72 | 75 | 78 | 84 | 90 | 93 | 93 | 94 | 94 | 95 | 84·8 |
| 15 | 95 | 95 | 95 | 96 | 98 | 95 | 95 | 99 | 96 | 97 | 88 | 80 | 78 | 75 | 71 | 72 | 74 | 73 | 80 | 83 | 85 | 90 | 90 | 89 | 90 | 87·0 |
| 16 | 90 | 92 | 92 | 90 | 93 | 94 | 97 | 93 | 88 | 83 | 80 | 80 | 79 | 80 | 77 | 79 | 81 | 87 | 90 | 91 | 92 | 94 | 92 | 92 | 93 | 87·8 |
| 17 | 93 | 93 | 93 | 92 | 92 | 91 | 86 | 80 | 85 | 84 | 87 | 88 | 90 | 89 | 91 | 91 | 94 | 96 | 97 | 95 | 94 | 98 | 97 | 97 | 95 | 89·4 |
| 18 | 95 | 94 | 95 | 96 | 86 | 95 | 97 | 95 | 97 | 94 | 94 | 93 | 92 | 88 | 81 | 82 | 86 | 92 | 94 | 96 | 96 | 95 | 97 | 97 | 97 | 93·3 |
| 19 | 97 | 95 | 95 | 95 | 98 | 95 | 97 | 98 | 97 | 96 | 96 | 96 | 94 | 94 | 93 | 90 | 91 | 93 | 95 | 95 | 95 | 94 | 97 | 95 | 96 | 95·0 |
| 20 | 96 | 98 | 97 | 98 | 98 | 96 | 97 | 98 | 90 | 97 | 97 | 94 | 92 | 85 | 81 | 82 | 78 | 78 | 83 | 86 | 91 | 90 | 90 | 91 | 91 | 91·2 |
| 21 | 91 | 89 | 91 | 94 | 93 | 94 | 97 | 95 | 94 | 92 | 90 | 78 | 81 | 82 | 83 | 83 | 86 | 92 | 93 | 93 | 94 | 95 | 95 | 94 | 95 | 90·5 |
| 22 | 94 | 94 | 94 | 95 | 95 | 93 | 94 | 93 | 96 | 97 | 98 | 96 | 95 | 97 | 96 | 97 | 98 | 97 | 99 | 96 | 96 | 94 | 98 | 97 | 97 | 95·9 |
| 23 | 97 | 97 | 95 | 97 | 97 | 98 | 98 | 96 | 97 | 90 | 87 | 84 | 86 | 84 | 86 | 82 | 85 | 87 | 87 | 92 | 92 | 92 | 95 | 93 | 91 | 91·3 |
| 24 | 91 | 90 | 89 | 89 | 91 | 89 | 89 | 88 | 87 | 86 | 81 | 87 | 85 | 82 | 83 | 84 | 81 | 86 | 90 | 89 | 90 | 93 | 89 | 93 | 89 | 87·5 |
| 25 | 93 | 94 | 94 | 96 | 97 | 94 | 96 | 94 | 91 | 87 | 86 | 82 | 81 | 80 | 83 | 87 | 88 | 89 | 91 | 93 | 94 | 95 | 95 | 95 | 94 | 90·6 |
| 26 | 94 | 94 | 94 | 93 | 94 | 93 | 95 | 93 | 87 | 82 | 73 | 75 | 74 | 70 | 75 | 71 | 76 | 83 | 87 | 91 | 94 | 94 | 94 | 94 | 95 | 86·3 |
| 27 | 95 | 96 | 94 | 95 | 96 | 96 | 97 | 95 | 96 | 98 | 97 | 98 | 97 | 98 | 98 | 97 | 99 | 98 | 98 | 97 | 97 | 97 | 98 | 98 | 99 | 97·0 |
| 28 | 99 | 97 | 98 | 99 | 98 | 96 | 98 | 97 | 98 | 98 | 96 | 97 | 95 | 91 | 87 | 82 | 86 | 89 | 94 | 95 | 97 | 95 | 98 | 95 | 97 | 94·7 |
| 29 | 97 | 99 | 99 | 98 | 99 | 98 | 97 | 96 | 98 | 98 | 95 | 93 | 91 | 89 | 91 | 88 | 91 | 91 | 90 | 93 | 93 | 94 | 96 | 94 | 95 | 94·6 |
| 30 | 94 | 94 | 95 | 97 | 94 | 93 | 94 | 98 | 96 | 93 | 93 | 90 | 90 | 91 | 91 | 91 | 91 | 90 | 93 | 93 | 94 | 94 | 97 | 94 | 95 | 93·4 |
| Mean ... | 91·3 | 91·2 | 91·1 | 91·7 | 92·0 | 91·6 | 91·5 | 90·7 | 89·7 | 86·2 | 83·4 | 82·3 | 81·6 | 79·7 | 79·7 | 79·5 | 80·6 | 82·4 | 85·0 | 88·4 | 90·0 | 89·9 | 91·6 | 91·0 | 92·0 | 87·2 |
| Mean, 1886–1905. | 88·1 | 88·6 | 89·1 | 89·2 | 89·2 | 89·7 | 89·9 | 88·7 | 86·1 | 82·7 | 79·9 | 77·8 | 76·3 | 75·9 | 75·6 | 76·4 | 77·2 | 79·2 | 81·9 | 85·1 | 86·4 | 87·0 | 87·4 | 87·9 | 88·2 | 84·0 |

[*Price Sixpence.*]

# KEW OBSERVATORY. SEPTEMBER, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. SEPTEMBER, 1908.

| Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·721 | **9·143** | 60·5 | 50·7 | 9 | 9·722 | 9·575 | 63·0 | 51·3 | 17 | 0·097 | 0·045 | 67·6 | 49·0 | 25 | 9·926 | 9·831 | 62·9 | 50·0 |
| 2 | 9·955 | 9·721 | 62·3 | 47·1 | 10 | 9·805 | 9·722 | 58·3 | 45·2 | 18 | 0·047 | 9·923 | 72·4 | 41·7 | 26 | 9·940 | 9·776 | 63·0 | 52·0 |
| 3 | 9·996 | 9·652 | 57·0 | 42·0 | 11 | 9·847 | 9·762 | 58·2 | 44·7 | 19 | 0·081 | 9·963 | 71·0 | 52·0 | 27 | 9·948 | 9·913 | 61·0 | 49·9 |
| 4 | 0·150 | 9·651 | 54·4 | 47·0 | 12 | 0·149 | 9·847 | 58·3 | 42·0 | 20 | 0·023 | 9·892 | 75·3 | 57·2 | 28 | 0·112 | 9·917 | 69·0 | 57·1 |
| 5 | **0·280** | 0·150 | 59·6 | 41·0 | 13 | 0·261 | 0·149 | 59·1 | **37·3** | 21 | 0·056 | 9·984 | 64·4 | 48·6 | 29 | 0·218 | 0·109 | 73·0 | 56·0 |
| 6 | 0·225 | 0·127 | 65·2 | 49·4 | 14 | 0·264 | 0·080 | 63·7 | 48·0 | 22 | 0·039 | 9·851 | 59·0 | 42·2 | 30 | 0·234 | 0·177 | **76·0** | 53·9 |
| 7 | 0·127 | 9·863 | 67·8 | 48·3 | 15 | 0·080 | 9·901 | 60·1 | 45·3 | 23 | 9·851 | 9·781 | 65·5 | 54·9 | | | | | |
| 8 | 9·863 | 9·625 | 68·7 | 41·9 | 16 | 0·186 | 0·033 | 61·1 | 45·7 | 24 | 9·907 | 9·822 | 65·0 | 52·4 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 64·1 | 48·1 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. SEPTEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·380 | 9·382 | 9·386 | 9·385 | 9·378 | 9·356 | 9·325 | 9·274 | 9·205 | 9·168 | 9·143 | 9·153 | 9·198 | 9·250 | 9·310 | 9·346 | 9·406 | 9·432 | 9·487 | 9·535 | 9·606 | 9·639 | 9·670 | 9·695 | 9·721 | 9·387 |
| 2 | 9·721 | 9·732 | 9·749 | 9·760 | 9·767 | 9·775 | 9·787 | 9·795 | 9·813 | 9·825 | 9·827 | 9·820 | 9·818 | 9·811 | 9·810 | 9·830 | 9·850 | 9·849 | 9·865 | 9·887 | 9·915 | 9·929 | 9·942 | 9·945 | 9·955 | 9·831 |
| 3 | 9·955 | 9·965 | 9·972 | 9·980 | 9·979 | 9·979 | 9·989 | 9·992 | 9·992 | 9·981 | 9·969 | 9·945 | 9·929 | 9·921 | 9·869 | 9·820 | 9·785 | 9·769 | 9·729 | 9·696 | 9·669 | 9·658 | 9·665 | 9·668 | 9·662 | 9·864 |
| 4 | 9·662 | 9·657 | 9·657 | 9·655 | 9·657 | 9·656 | 9·664 | 9·685 | 9·704 | 9·733 | 9·757 | 9·789 | 9·819 | 9·852 | 9·886 | 9·914 | 9·943 | 9·973 | 9·996 | 0·024 | 0·058 | 0·085 | 0·114 | 0·120 | 0·150 | 9·846 |
| 5 | 0·150 | 0·161 | 0·182 | 0·206 | 0·214 | 0·246 | 0·262 | 0·270 | 0·270 | 0·276 | 0·270 | 0·275 | 0·270 | 0·267 | 0·265 | 0·250 | 0·228 | 0·220 | 0·220 | 0·230 | 0·228 | 0·230 | 0·235 | 0·235 | 0·234 | |
| 6 | 0·225 | 0·215 | 0·207 | 0·192 | 0·186 | 0·188 | 0·190 | 0·198 | 0·198 | 0·198 | 0·199 | 0·190 | 0·187 | 0·180 | 0·171 | 0·164 | 0·154 | 0·150 | 0·144 | 0·146 | 0·153 | 0·158 | 0·154 | 0·137 | 0·127 | 0·177 |
| 7 | 0·127 | 0·114 | 0·108 | 0·097 | 0·083 | 0·080 | 0·080 | 0·075 | 0·072 | 0·064 | 0·043 | 0·024 | 0·010 | 9·998 | 9·974 | 9·954 | 9·935 | 9·925 | 9·913 | 9·914 | 9·923 | 9·914 | 9·897 | 9·885 | 9·863 | 0·003 |
| 8 | 9·863 | 9·840 | 9·818 | 9·795 | 9·785 | 9·771 | 9·764 | 9·769 | 9·763 | 9·748 | 9·735 | 9·714 | 9·695 | 9·677 | 9·671 | 9·665 | 9·674 | 9·645 | 9·629 | 9·633 | 9·645 | 9·664 | 9·659 | 9·655 | 9·655 | 9·715 |
| 9 | 9·655 | 9·647 | 9·648 | 9·632 | 9·620 | 9·621 | 9·623 | 9·623 | 9·613 | 9·614 | 9·598 | 9·596 | 9·591 | 9·587 | 9·575 | 9·589 | 9·613 | 9·607 | 9·615 | 9·632 | 9·660 | 9·672 | 9·692 | 9·705 | 9·722 | 9·628 |
| 10 | 9·722 | 9·733 | 9·741 | 9·750 | 9·763 | 9·766 | 9·773 | 9·788 | 9·791 | 9·795 | 9·800 | 9·803 | 9·797 | 9·790 | 9·785 | 9·779 | 9·777 | 9·776 | 9·779 | 9·779 | 9·789 | 9·795 | 9·796 | 9·798 | 9·797 | 9·779 |
| 11 | 9·797 | 9·792 | 9·781 | 9·769 | 9·767 | 9·767 | 9·767 | 9·770 | 9·773 | 9·781 | 9·783 | 9·781 | 9·779 | 9·769 | 9·770 | 9·762 | 9·781 | 9·786 | 9·794 | 9·809 | 9·818 | 9·826 | 9·837 | 9·840 | 9·847 | 9·789 |
| 12 | 9·847 | 9·856 | 9·865 | 9·866 | 9·882 | 9·896 | 9·918 | 9·934 | 9·941 | 9·949 | 9·961 | 9·974 | 9·980 | 9·984 | 9·986 | 0·010 | 0·023 | 0·050 | 0·077 | 0·101 | 0·107 | 0·128 | 0·130 | 0·149 | 9·979 | |
| 13 | 0·149 | 0·161 | 0·171 | 0·171 | 0·180 | 0·189 | 0·195 | 0·211 | 0·219 | 0·229 | 0·234 | 0·233 | 0·232 | 0·235 | 0·238 | 0·239 | 0·240 | 0·237 | 0·235 | 0·249 | 0·259 | 0·254 | 0·255 | 0·257 | 0·261 | 0·222 |
| 14 | 0·261 | 0·259 | 0·259 | 0·253 | 0·239 | 0·225 | 0·224 | 0·231 | 0·231 | 0·239 | 0·241 | 0·227 | 0·218 | 0·206 | 0·182 | 0·164 | 0·155 | 0·152 | 0·143 | 0·140 | 0·139 | 0·122 | 0·105 | 0·092 | 0·080 | 0·192 |
| 15 | 0·080 | 0·065 | 0·048 | 0·030 | 0·012 | 0·000 | 0·000 | 9·988 | 9·980 | 9·978 | 9·962 | 9·951 | 9·950 | 9·934 | 9·923 | 9·917 | 9·912 | 9·909 | 9·905 | 9·919 | 9·944 | 9·961 | 9·983 | 0·001 | 0·033 | 9·972 |
| 16 | 0·033 | 0·049 | 0·066 | 0·094 | 0·103 | 0·107 | 0·127 | 0·145 | 0·167 | 0·173 | 0·177 | 0·184 | 0·179 | 0·173 | 0·152 | 0·139 | 0·140 | 0·129 | 0·119 | 0·109 | 0·107 | 0·092 | 0·101 | 0·085 | 0·079 | 0·124 |
| 17 | 0·079 | 0·065 | 0·061 | 0·056 | 0·061 | 0·067 | 0·071 | 0·076 | 0·079 | 0·083 | 0·092 | 0·097 | 0·089 | 0·084 | 0·074 | 0·061 | 0·061 | 0·051 | 0·051 | 0·057 | 0·059 | 0·060 | 0·051 | 0·053 | 0·047 | 0·068 |
| 18 | 0·047 | 0·039 | 0·023 | 0·015 | 0·008 | 9·993 | 9·989 | 9·983 | 9·972 | 9·972 | 9·965 | 9·955 | 9·950 | 9·958 | 9·943 | 9·938 | 9·931 | 9·935 | 9·927 | 9·936 | 9·941 | 9·948 | 9·950 | 9·954 | 9·963 | 9·968 |
| 19 | 9·963 | 9·966 | 9·978 | 9·986 | 0·002 | 0·005 | 0·024 | 0·038 | 0·061 | 0·079 | 0·076 | 0·073 | 0·064 | 0·057 | 0·057 | 0·053 | 0·055 | 0·045 | 0·053 | 0·057 | 0·065 | 0·054 | 0·052 | 0·043 | 0·023 | 0·039 |
| 20 | 0·023 | 0·004 | 9·994 | 9·977 | 9·968 | 9·957 | 9·959 | 9·956 | 9·941 | 9·929 | 9·922 | 9·907 | 9·901 | 9·892 | 9·903 | 9·909 | 9·918 | 9·924 | 9·943 | 9·957 | 9·976 | 9·984 | 9·996 | 0·003 | 0·009 | 9·951 |
| 21 | 9·999 | 0·002 | 9·992 | 9·992 | 9·984 | 9·992 | 9·995 | 0·014 | 0·032 | 0·027 | 0·043 | 0·051 | 0·044 | 0·044 | 0·039 | 0·041 | 0·036 | 0·031 | 0·038 | 0·047 | 0·054 | 0·051 | 0·050 | 0·047 | 0·039 | 0·027 |
| 22 | 0·039 | 0·020 | 0·007 | 0·013 | 0·002 | 9·985 | 9·985 | 9·983 | 9·971 | 9·965 | 9·953 | 9·943 | 9·927 | 9·907 | 9·901 | 9·897 | 9·887 | 9·882 | 9·886 | 9·887 | 9·881 | 9·875 | 9·875 | 9·866 | 9·851 | 9·935 |
| 23 | 9·851 | 9·842 | 9·834 | 9·823 | 9·815 | 9·811 | 9·805 | 9·810 | 9·811 | 9·815 | 9·817 | 9·814 | 9·801 | 9·793 | 9·785 | 9·782 | 9·787 | 9·792 | 9·802 | 9·808 | 9·820 | 9·824 | 9·829 | 9·829 | 9·828 | 9·812 |
| 24 | 9·828 | 9·828 | 9·826 | 9·823 | 9·822 | 9·824 | 9·838 | 9·845 | 9·856 | 9·867 | 9·870 | 9·877 | 9·878 | 9·868 | 9·866 | 9·860 | 9·874 | 9·885 | 9·889 | 9·901 | 9·900 | 9·905 | 9·903 | 9·904 | 9·904 | 9·864 |
| 25 | 9·904 | 9·902 | 9·904 | 9·902 | 9·902 | 9·898 | 9·907 | 9·916 | 9·919 | 9·924 | 9·920 | 9·919 | 9·917 | 9·912 | 9·902 | 9·888 | 9·883 | 9·868 | 9·875 | 9·874 | 9·877 | 9·868 | 9·858 | 9·849 | 9·831 | 9·894 |
| 26 | 9·831 | 9·819 | 9·810 | 9·796 | 9·789 | 9·795 | 9·820 | 9·844 | 9·862 | 9·871 | 9·876 | 9·877 | 9·874 | 9·873 | 9·874 | 9·876 | 9·883 | 9·893 | 9·909 | 9·920 | 9·927 | 9·933 | 9·938 | 9·935 | 9·937 | 9·870 |
| 27 | 9·937 | 9·939 | 9·932 | 9·927 | 9·931 | 9·934 | 9·926 | 9·934 | 9·939 | 9·945 | 9·946 | 9·942 | 9·938 | 9·940 | 9·930 | 9·923 | 9·915 | 9·913 | 9·930 | 9·933 | 9·935 | 9·933 | 9·938 | 9·930 | 9·931 | 9·933 |
| 28 | 9·931 | 9·929 

KEW. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. SEPTEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 20 | 11 | 20 | 15 | 20 | 12 | 19 | 12 | 19 | 12 | 18 | 15 | 17 | 19 | 18 | 26 | 18 | 29 | 19 | 27 | 20 | 20 | 22 | 18 |
| 2 | 24 | 6 | 24 | 6 | 21 | 5 | 21 | 5 | 21 | 4 | 21 | 4 | 23 | 7 | 24 | 9 | 26 | 8 | 25 | 9 | 23 | 10 | 25 | 10 |
| 3 | 22 | 4 | 22 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | 16 | 5 | 14 | 7 | 13 | 7 | | |
| 4 | — | 2 | — | 2 | 5 | 4 | 5 | 7 | 2 | 6 | 2 | 6 | 1 | 6 | 2 | 10 | 2 | 10 | 2 | 12 | 2 | 13 | 32 | 15 |
| 5 | 32 | 4 | 32 | 4 | — | 2 | — | 3 | — | 3 | — | 3 | — | 3 | — | 3 | — | 3 | 22 | 4 | 21 | 5 | 21 | 7 |
| 6 | 20 | 6 | 20 | 5 | 20 | 7 | 20 | 7 | 20 | 5 | 20 | 7 | 20 | 8 | 21 | 9 | 22 | 12 | 21 | 12 | 20 | 11 | 22 | 12 |
| 7 | 22 | 4 | — | 2 | 22 | 4 | 22 | 5 | 20 | 4 | 19 | 9 | 19 | 8 | 19 | 9 | 19 | 10 | 18 | 10 | 18 | 10 | 18 | 10 |
| 8 | — | 1 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 0 | — | 1 | — | 3 | 20 | 7 | 18 | 12 |
| 9 | 18 | 16 | 19 | 15 | 18 | 19 | 19 | 18 | 19 | 18 | 19 | 17 | 19 | 20 | 19 | 20 | 20 | 22 | 19 | 23 | 20 | 24 | 20 | 25 |
| 10 | 21 | 10 | 20 | 10 | 20 | 7 | 21 | 7 | 21 | 5 | 21 | 6 | 21 | 5 | 22 | 9 | 24 | 10 | 22 | 11 | 22 | 11 | 23 | 12 |
| 11 | 22 | 4 | 22 | 4 | 22 | 4 | — | 2 | — | 2 | 22 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | 22 | 4 | 32 | 4 |
| 12 | — | 2 | 3 | 4 | — | 3 | 3 | 4 | — | 3 | — | 0 | — | 2 | — | 3 | 32 | 4 | 29 | 6 | 29 | 6 | 31 | 7 |
| 13 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 3 | 25 | 4 | 24 | 6 | 24 | 7 | 24 | 6 |
| 14 | 20 | 5 | 20 | 4 | 20 | 4 | — | 3 | 19 | 6 | 19 | 7 | 19 | 6 | 19 | 12 | 19 | 10 | 20 | 11 | 22 | 8 | 21 | 10 |
| 15 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 3 | 19 | 4 | 19 | 5 | 17 | 5 | 17 | 6 | 20 | 5 | 21 | 6 |
| 16 | — | 2 | — | 2 | — | 3 | 22 | 4 | 22 | 4 | — | 2 | 22 | 4 | — | 3 | 22 | 4 | 18 | 7 | 20 | 8 | 20 | 9 |
| 17 | 20 | 9 | 20 | 9 | 19 | 9 | 21 | 9 | 20 | 7 | 20 | 7 | 19 | 7 | 19 | 10 | 19 | 11 | 21 | 13 | 20 | 12 | 18 | 12 |
| 18 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | — | 3 | — | 2 | — | 3 | 10 | 4 | 11 | 8 | 12 | 9 | 11 | 8 |
| 19 | — | 0 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 |
| 20 | 16 | 4 | — | 3 | — | 2 | 9 | 4 | — | 2 | 9 | 4 | 9 | 6 | 9 | 6 | 7 | 9 | 7 | 10 | 10 | 12 | 10 | 11 |
| 21 | — | 2 | — | 3 | 18 | 4 | — | 2 | 19 | 4 | 20 | 4 | 20 | 4 | 23 | 6 | — | 3 | — | 3 | 23 | 7 | 23 | 5 |
| 22 | — | 1 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | — | 2 | — | 3 | — | 2 | — | 2 |
| 23 | 10 | 7 | 10 | 7 | 10 | 6 | 10 | 7 | 8 | 8 | 8 | 7 | 8 | 7 | 9 | 9 | 12 | 8 | 12 | 7 | 13 | 6 | 10 | 7 |
| 24 | — | 2 | 1 | 6 | 32 | 5 | 32 | 5 | 32 | 5 | 32 | 4 | 32 | 4 | — | 2 | 32 | 4 | 32 | 4 | 32 | 4 | 32 | 5 |
| 25 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 21 | 5 | — | 3 | — | 3 |
| 26 | 15 | 5 | 15 | 6 | 15 | 10 | 17 | 7 | 18 | 9 | 19 | 5 | 19 | 5 | 20 | 8 | 23 | 10 | 21 | 10 | 23 | 10 | 21 | 10 |
| 27 | 22 | 4 | 22 | 6 | — | 3 | 22 | 6 | 22 | 4 | — | 2 | — | 0 | — | 2 | 22 | 4 | 22 | 6 | 19 | 8 | 19 | 7 |
| 28 | 11 | 4 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | 14 | 4 | 14 | 4 | 14 | 6 | 17 | 7 | 19 | 9 | 20 | 8 |
| 29 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 6 | 18 | 4 | 18 | 4 | 17 | 4 | 16 | 7 | 17 | 12 | 17 | 10 | 17 | 7 | 18 | 9 |
| 30 | — | 1 | — | 1 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | 16 | 5 | 16 | 5 | 17 | 8 | 17 | 7 |
| Mean ... | — | 4 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 6 | — | 7 | — | 8 | — | 9 | — | 9 |
| Mean, 1881–1905. | — | 4·1 | — | 4·0 | — | 4·1 | — | 4·2 | — | 4·0 | — | 4·3 | — | 4·8 | — | 5·9 | — | 7·0 | — | 7·9 | — | 8·9 | — | 8·9 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—Rainfall in Hundredths of English Inches. SEPTEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | 01 | 03 | 06 | — | — | — | — | — | — | — | — | — | — | — | — | — | 10 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 07 | 02 | — | — | — | — | — | — | — | — | 09 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 13 | 12 | 05 | 02 | 01 | — | — | — | 33 |
| 4 | — | 04 | 03 | 04 | 24 | 15 | 03 | — | — | — | — | — | — | 01 | 03 | — | — | — | — | — | — | — | — | — | 57 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | 03 | — | — | — | — | — | — | — | — | 04 |
| 11 | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 | — | — | — | — | — | — | — | 03 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | 01 | 01 | — | 03 | — | 02 | — | — | — | — | — | — | — | 07 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 02 | 01 | — | — | — | — | 03 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | 01 | 02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 03 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | — | — | — | — | 01 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | 02 | 03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | 03 | — | — | — | 01 | — | — | — | — | — | — | — | 06 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 01 | — | — | — | — | — | 04 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | — | 04 | 05 | 07 | 24 | 16 | 04 | 02 | 01 | 03 | 06 | 01 | 04 | 01 | 15 | 05 | 19 | 12 | 08 | 03 | 01 | — | — | — | 1·41 |
| Average 1871–1905. | ·119 | ·092 | ·104 | ·111 | ·108 | ·070 | ·068 | ·067 | ·087 | ·079 | ·071 | ·073 | ·096 | ·067 | ·063 | ·096 | ·107 | ·084 | ·088 | ·118 | ·116 | ·075 | ·088 | ·099 | 2·145 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. |
| 1 | 25 | 18 | 25 | 17 | 23 | 18 | 23 | 18 | 23 | 17 | 23 | 15 | 23 | 15 | 24 | 10 | 25 | 10 | 24 | 9 | 24 | 7 | 24 | 7 | 16 | 18 |
| 2 | 22 | 10 | 22 | 13 | 21 | 6 | 28 | 7 | 21 | 6 | 23 | 4 | 23 | 4 | — | 2 | 23 | 5 | 23 | 4 | 25 | 4 | 25 | 4 | 6 | 10 |
| 3 | 15 | 4 | 10 | 11 | 10 | 10 | 12 | 10 | 10 | 11 | 8 | 13 | 7 | 17 | 6 | 19 | 7 | 16 | 7 | 7 | 5 | 4 | — | 3 | 7 | 7 |
| 4 | 1 | 18 | 1 | 15 | 32 | 10 | 32 | 12 | 32 | 8 | 1 | 8 | 32 | 6 | 32 | 4 | 32 | 4 | 32 | 6 | 32 | 5 | 32 | 4 | 8 | 15 |
| 5 | 22 | 6 | 25 | 6 | 21 | 9 | 23 | 7 | 24 | 5 | 21 | 5 | 21 | 4 | 19 | 5 | 19 | 7 | 19 | 6 | 19 | 4 | 19 | 6 | 5 | 4 |
| 6 | 21 | 14 | 22 | 12 | 22 | 11 | 24 | 10 | 21 | 10 | 23 | 8 | 23 | 4 | 23 | 4 | 22 | 5 | 22 | 5 | 22 | 6 | 22 | 4 | 8 | 5 |
| 7 | 18 | 10 | 19 | 11 | 18 | 10 | 19 | 10 | 17 | 8 | 17 | 6 | 17 | 4 | 17 | 4 | — | 3 | — | 2 | — | 1 | — | 1 | 6 | 6 |
| 8 | 17 | 15 | 18 | 15 | 19 | 18 | 19 | 18 | 17 | 12 | 17 | 16 | 18 | 15 | 18 | 15 | 19 | 15 | 20 | 12 | 19 | 15 | 19 | 15 | 9 | 7 |
| 9 | 20 | 26 | 20 | 24 | 22 | 17 | 22 | 18 | 20 | 20 | 21 | 20 | 21 | 17 | 21 | 17 | 20 | 13 | 21 | 15 | 21 | 12 | 20 | 10 | 10 | 8 |
| 10 | 23 | 13 | 24 | 12 | 23 | 11 | 23 | 10 | 22 | 9 | 22 | 6 | 22 | 5 | 22 | 6 | 22 | 5 | 22 | 5 | 22 | 5 | 22 | 5 | 8 | 9 |
| 11 | 22 | 5 | 32 | 10 | 1 | 6 | 1 | 8 | 32 | 10 | 3 | 10 | — | 3 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | 4 | 10 |
| 12 | 29 | 7 | 31 | 7 | 31 | 6 | 29 | 10 | 21 | 6 | — | 2 | — | 2 | — | 2 | 30 | 4 | — | 3 | — | 2 | — | 1 | 4 | 11 |
| 13 | 26 | 7 | 23 | 7 | 21 | 7 | 24 | 5 | 24 | 5 | 22 | 4 | 22 | 4 | 22 | 4 | 21 | 6 | 20 | 6 | 20 | 5 | 20 | 4 | 4 | 12 |
| 14 | 20 | 10 | 20 | 11 | 20 | 12 | 21 | 11 | 19 | 11 | 20 | 10 | 20 | 5 | 20 | 5 | 20 | 5 | 20 | 5 | 19 | 6 | 19 | 4 | 4 | 13 |
| 15 | 21 | 5 | 19 | 8 | 20 | 7 | 20 | 5 | 19 | 7 | 19 | 5 | — | 3 | 22 | 4 | 22 | 4 | 22 | 4 | 22 | 4 | 22 | 5 | 4 | 14 |
| 16 | 19 | 12 | 18 | 12 | 18 | 11 | 19 | 12 | 19 | 13 | 19 | 12 | 19 | 10 | 19 | 10 | 19 | 10 | 20 | 12 | 19 | 10 | 20 | 11 | 8 | 15 |
| 17 | 19 | 11 | 19 | 11 | 16 | 12 | 17 | 10 | 17 | 7 | 16 | 7 | 16 | 5 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | 8 | 16 |
| 18 | 17 | 10 | 13 | 5 | 15 | 4 | — | 1 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 17 |
| 19 | — | 3 | — | 3 | 14 | 6 | 15 | 7 | 16 | 5 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 3 | — | 2 | 3 | 18 |
| 20 | 13 | 12 | 16 | 10 | 19 | 8 | 17 | 6 | 16 | 4 | 19 | 5 | 20 | 4 | 18 | 5 | 19 | 8 | 18 | 4 | 18 | 4 | — | 2 | 6 | 19 |
| 21 | 23 | 4 | 23 | 4 | — | 3 | — | 2 | — | 2 | 17 | 4 | — | 2 | — | 3 | — | 3 | — | 1 | — | 2 | — | 1 | 3 | 20 |
| 22 | — | 1 | — | 1 | — | 2 | — | 3 | 12 | 5 | — | 2 | — | 2 | — | 3 | 10 | 7 | 10 | 6 | 10 | 6 | 10 | 5 | 3 | 21 |
| 23 | 9 | 5 | 7 | 4 | 9 | 5 | 9 | 4 | — | 2 | — | 3 | 7 | 4 | 7 | 4 | 7 | 4 | — | 3 | — | 3 | 1 | 4 | 5 | 22 |
| 24 | 31 | 7 | 31 | 4 | 28 | 4 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 4 | 23 |
| 25 | 21 | 4 | 14 | 4 | 14 | 4 | 14 | 6 | 14 | 6 | 15 | 6 | 15 | 6 | 15 | 5 | 15 | 5 | 15 | 4 | 15 | 4 | 15 | 4 | 4 | 24 |
| 26 | 22 | 11 | 22 | 10 | 23 | 10 | 22 | 10 | 23 | 9 | 22 | 6 | 22 | 4 | 22 | 4 | 22 | 4 | 22 | 5 | 22 | 4 | 22 | 4 | 7 | 25 |
| 27 | 19 | 4 | 17 | 4 | 16 | 7 | 16 | 7 | 16 | 6 | 13 | 5 | 11 | 4 | 11 | 6 | 11 | 5 | 11 | 4 | 11 | 4 | — | 3 | 5 | 26 |
| 28 | 20 | 10 | 19 | 7 | 19 | 9 | 19 | 8 | 19 | 7 | 19 | 8 | 19 | 7 | 19 | 5 | 19 | 4 | 18 | 6 | 18 | 4 | — | 3 | 6 | 27 |
| 29 | 17 | 11 | 17 | 12 | 17 | 10 | 16 | 8 | 17 | 8 | 16 | 4 | — | 3 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | 6 | 28 |
| 30 | 18 | 9 | 18 | 8 | 16 | 7 | 16 | 7 | 17 | 4 | — | 2 | — | 1 | — | 1 | — | 2 | — | 3 | — | 3 | — | 2 | 4 | 29 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| — | — | 9 | — | 9 | — | 9 | — | 8 | — | 8 | — | 7 | — | 5 | — | 5 | — | 6 | — | 5 | — | 5 | — | 4 | 6 | |
| — | — | 9·2 | — | 9·2 | — | 8·9 | — | 8·5 | — | 7·6 | — | 6·4 | — | 5·6 | — | 5·4 | — | 5·1 | — | 4·8 | — | 4·5 | — | 4·2 | 6·2 | Mean, 1881–1905. |

KEW. TABLE V.—Duration of Bright Sunshine in Hours. SEPTEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | ·3 | ·5 | — | — | — | — | ·5 | ·6 | ·6 | ·3 | — | — | — | — | — | 2·8 | ●, ⫽, 8h.–11h.; fine at intervals. |
| 2 | — | — | ·7 | ·9 | 1·0 | ·9 | ·8 | 1·0 | ·6 | ·9 | ·2 | ·1 | ·2 | ·9 | ·5 | — | — | 8·7 | T, ≤, ● in afternoon, but fine most of day. |
| 3 | — | — | — | ·1 | ·7 | ·5 | ·2 | — | — | — | — | — | — | — | — | — | — | 1·5 | Fair to dull, with ● from 17h. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●² early. |
| 5 | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | ·6 | — | ·4 | ·6 | ·1 | ·2 | ·1 | — | — | — | 5·8 | Fine to fair. |
| 6 | — | — | — | ·6 | ·8 | 1·0 | ·7 | ·1 | ·8 | ·9 | ·8 | ·8 | ·7 | ·9 | ·1 | — | — | 8·2 | Fine most of day. |
| 7 | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | 11·1 | Fine, bright day; ≋⁶ in evening. |
| 8 | — | — | — | — | ·3 | 1·0 | 1·0 | ·9 | ·7 | ·2 | — | — | — | — | — | — | — | 4·1 | Bright to overcast. |
| 9 | — | — | ·5 | 1·0 | 1·0 | ·8 | 1·0 | ·8 | ·9 | ·9 | ·6 | ·6 | — | ·2 | — | — | — | 8·3 | Fine most of day; ⫽. |
| 10 | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·9 | ·8 | ·4 | — | — | — | 10·3 | Fine and bright. |
| 11 | — | — | — | — | — | ·3 | ·2 | ·3 | ·6 | ·8 | ·9 | ·9 | — | ·4 | — | — | — | 4·4 | Cloudy day, with bright intervals. |
| 12 | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·8 | ·9 | ·8 | — | — | — | — | — | 7·3 | Bright to cloudy, and misty; ●⁰. |
| 13 | — | — | — | ·6 | — | ·4 | 1·0 | ·8 | ·8 | ·4 | ·5 | ·1 | — | — | — | — | — | 4·6 | Fair. |
| 14 | — | — | — | — | — | — | — | ·5 | ·9 | 1·0 | 1·0 | ·9 | ·9 | ·6 | ·4 | — | — | 6·2 | Overcast till 11h., then clearing. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ●⁰ in afternoon. |
| 16 | — | — | — | ·5 | 1·0 | 1·0 | ·9 | ·2 | — | ·4 | — | — | — | — | — | — | — | 4·0 | A.M. fine; P.M. overcast. |
| 17 | — | — | — | ·3 | ·4 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | ·3 | — | — | 9·5 | Fine day; ≋⁹ at night. |
| 18 | — | — | — | — | ·6 | ·1 | ·5 | ·7 | ·6 | ·2 | — | — | — | — | — | — | — | 2·7 | Fair to dull, with ●⁰; ≤ in E. about 22h. |
| 19 | — | — | — | — | — | — | ·8 | 1·0 | ·9 | ·8 | ·4 | ·6 | ·7 | ·4 | — | — | — | 5·6 | ≋⁹ early, and at night; day fair. |
| 20 | — | — | — | ·2 | ·7 | ·5 | ·6 | ·2 | ·3 | — | — | — | — | — | — | — | — | 2·5 | ≋⁹, ●⁰; fair and warm during day. |
| 21 | — | — | — | — | — | — | — | ·3 | — | — | — | ·2 | ·7 | ·4 | — | — | — | 1·6 | ≋⁹, ●⁰; cloudy. |
| 22 | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | — | — | 0·1 | ≋⁶, and dull most of day. |
| 23 | — | — | — | ·3 | ·8 | ·7 | — | — | ·6 | ·3 | — | — | — | — | — | — | — | 2·7 | Fine at first, becoming gloomy and misty |
| 24 | — | — | — | — | — | — | — | ·1 | ·5 | ·7 | ·5 | — | — | — | — | — | — | 1·8 | A.M. dull; P.M. fair; ≋⁹⁰. [later. |
| 25 | — | — | — | — | — | — | — | — | ·5 | ·8 | ·8 | — | — | — | — | — | — | 2·1 | Overcast till 12h., then brighter; ≋⁹. |
| 26 | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·8 | ·6 | 1·0 | ·8 | ·9 | ·4 | ·5 | — | — | — | 8·5 | ● early, but generally fine. |
| 27 | — | — | — | — | — | ·1 | ·3 | ·1 | — | — | — | — | — | — | — | — | — | 0·5 | Fair to dull, with ●⁰. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 29 | — | — | — | — | — | — | — | ·2 | — | ·1 | ·7 | ·1 | ·4 | ·7 | — | — | — | 2·2 | Overcast to cloudy; < at 22h. |
| 30 | — | — | — | ·6 | 1·0 | ·8 | — | — | — | ·9 | 1·0 | 1·0 | ·9 | ·7 | — | — | — | 6·9 | Dull to fine; ≋⁹ at night. |
| | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | — | 10·4 | Fine and warm. |
| | — | — | 1·8 | 8·6 | 13·9 | 15·2 | 14·9 | 13·6 | 13·9 | 15·8 | 14·5 | 12·6 | 8·9 | 8·7 | 2·0 | — | — | 144·4 | Total. |
| | — | — | 0·63 | 5·11 | 9·46 | 12·58 | 14·57 | 15·21 | 15·19 | 15·21 | 15·07 | 14·45 | 13·20 | 9·07 | 1·36 | — | — | 141·11 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. SEPTEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52°1 | 52°0 | 52°3 | 51°5 | 50°9 | 51°0 | 52°9 | 55°2 | 57°3 | 56°1 | 55°9 | 53°9 | 56°1 | 57°0 | 60°0 | 59°5 | 58°0 | 57°0 | 57°0 | 56°0 | 56°6 | 57°0 | 55°8 | 53°0 | 51°1 | 55°2 |
| 2 | 51°1 | 51°0 | 50°0 | 49°7 | 49°2 | 48°6 | 49°0 | 51°7 | 53°9 | 57°0 | 58°4 | 59°3 | 61°2 | 62°2 | 59°5 | 53°0 | 52°6 | 55°6 | 54°9 | 52°5 | 50°9 | 50°0 | 49°0 | 48°9 | 47°1 | 53°2 |
| 3 | 47°1 | 45°9 | 44°7 | 44°1 | 43°8 | 43°3 | 43°2 | 45°3 | 47°8 | 51°6 | 55°0 | 56°7 | 56°7 | 55°3 | 56°0 | 55°4 | 56°0 | 53°0 | 52°7 | 52°3 | 52°4 | 53°0 | 52°9 | 53°0 | 53°3 | 50°9 |
| 4 | 53°3 | 53°1 | 53°1 | 53°3 | 53°3 | 52°9 | 52°3 | 52°0 | 53°1 | 53°0 | 53°8 | 54°1 | 54°1 | 52°8 | 52°3 | 51°4 | 52°6 | 53°0 | 53°2 | 53°0 | 51°4 | 51°3 | 51°1 | 49°6 | 47°0 | 52°6 |
| 5 | 47°0 | 45°9 | 44°7 | 44°1 | 42°8 | 42°1 | 41°2 | 43°0 | 46°5 | 49°0 | 52°4 | 56°1 | 56°7 | 58°0 | 57°6 | 59°0 | 58°0 | 58°0 | 57°0 | 54°5 | 53°1 | 52°0 | 52°1 | 51°6 | 51°7 | 51°1 |
| 6 | 51°7 | 51°0 | 50°1 | 49°6 | 49°6 | 49°5 | 50°1 | 52°3 | 54°7 | 58°0 | 59°1 | 60°0 | 62°8 | 64°9 | 63°7 | 64°1 | 63°3 | 63°7 | 61°3 | 58°7 | 56°5 | 55°0 | 54°0 | 53°3 | 52°4 | 56°6 |
| 7 | 52°4 | 51°7 | 50°7 | 49°6 | 49°9 | 49°3 | 50°4 | 52°5 | 54°8 | 57°2 | 59°1 | 61°4 | 63°2 | 65°0 | 66°3 | 67°1 | 67°6 | 67°3 | 64°4 | 60°4 | 57°8 | 55°9 | 52°9 | 50°9 | 48°4 | 57°3 |
| 8 | 48°4 | 46°8 | 45°9 | 45°3 | 43°9 | 44°1 | 43°6 | 44°0 | 47°0 | 53°0 | 59°0 | 63°6 | 66°0 | 68°3 | 66°0 | 64°4 | 62°3 | 60°9 | 59°6 | 59°7 | 59°0 | 58°6 | 56°4 | 55°0 | 54°4 | 55°2 |
| 9 | 54°4 | 54°3 | 54°1 | 54°0 | 53°9 | 53°4 | 53°5 | 55°3 | 57°0 | 58°0 | 59°2 | 60°3 | 60°9 | 61°9 | 62°0 | 58°7 | 55°9 | 56°0 | 56°0 | 55°1 | 53°1 | 52°7 | 51°7 | 51°9 | 51°3 | 55°9 |
| 10 | 51°3 | 50°9 | 49°7 | 48°3 | 47°1 | 46°0 | 45°3 | 47°2 | 49°7 | 51°4 | 53°1 | 55°3 | 55°9 | 57°5 | 57°9 | 58°0 | 58°1 | 56°3 | 54°6 | 52°6 | 51°2 | 49°0 | 47°0 | 46°2 | 45°9 | 51°5 |
| 11 | 45°9 | 45°1 | 45°3 | 45°1 | 44°9 | 45°3 | 45°7 | 46°8 | 49°0 | 51°0 | 52°0 | 54°9 | 55°0 | 56°6 | 54°1 | 55°0 | 55°0 | 53°0 | 50°7 | 50°0 | 49°6 | 49°1 | 48°0 | 48°0 | 47°6 | 49°9 |
| 12 | 47°6 | 47°6 | 47°3 | 47°0 | 46°0 | 45°6 | 45°0 | 46°8 | 47°6 | 51°0 | 53°4 | 55°0 | 55°2 | 56°1 | 56°3 | 58°3 | 55°2 | 50°1 | 49°6 | 48°9 | 46°9 | 46°0 | 45°5 | 44°6 | 42°0 | 49°6 |
| 13 | 42°0 | 42°0 | 41°0 | 40°7 | 40°0 | 38°9 | 37°9 | 41°0 | 44°0 | 47°1 | 50°0 | 54°0 | 56°0 | 58°0 | 58°0 | 58°2 | 56°7 | 56°2 | 55°1 | 53°8 | 53°6 | 53°4 | 53°1 | 52°9 | 51°9 | 49°6 |
| 14 | 51°9 | 51°2 | 49°9 | 49°7 | 49°1 | 48°6 | 49°9 | 52°1 | 54°1 | 56°0 | 57°1 | 59°2 | 60°8 | 62°3 | 63°2 | 63°4 | 62°7 | 61°9 | 59°0 | 56°0 | 53°3 | 51°9 | 50°2 | 50°5 | 50°0 | 55°1 |
| 15 | 50°0 | 48°2 | 47°9 | 46°8 | 46°6 | 46°9 | 47°3 | 49°5 | 52°5 | 56°0 | 57°4 | 59°4 | 58°7 | 58°1 | 58°4 | 57°0 | 56°7 | 56°6 | 56°3 | 55°0 | 54°4 | 53°3 | 51°3 | 49°9 | 48°6 | 53°1 |
| 16 | 48°6 | 47°7 | 46°7 | 45°9 | 46°6 | 46°7 | 46°4 | 47°1 | 48°9 | 52°0 | 55°5 | 58°2 | 59°6 | 61°0 | 60°8 | 59°6 | 58°9 | 57°9 | 56°1 | 55°3 | 55°1 | 55°6 | 55°8 | 56°2 | 56°7 | 53°6 |
| 17 | 56°7 | 56°7 | 56°8 | 56°7 | 56°7 | 57°0 | 56°6 | 57°6 | 58°8 | 60°7 | 62°0 | 62°9 | 64°2 | 65°9 | 67°0 | 67°6 | 66°7 | 64°2 | 61°9 | 58°6 | 56°2 | 53°9 | 52°0 | 50°8 | 49°9 | 59°4 |
| 18 | 49°9 | 48°4 | 46°0 | 46°2 | 45°0 | 42°9 | 44°0 | 45°5 | 53°0 | 60°0 | 66°0 | 69°1 | 70°0 | 69°9 | 68°6 | 67°3 | 67°0 | 65°3 | 62°7 | 62°0 | 60°9 | 59°7 | 58°3 | 58°7 | 56°3 | 57°9 |
| 19 | 56°3 | 55°3 | 53°1 | 53°3 | 53°0 | 55°3 | 55°2 | 55°9 | 56°1 | 57°0 | 60°0 | 64°0 | 66°6 | 69°6 | 69°4 | 70°1 | 70°3 | 69°3 | 65°9 | 61°7 | 60°6 | 59°0 | 58°1 | 59°0 | 58°0 | 60°7 |
| 20 | 58°0 | 58°0 | 57°7 | 57°4 | 57°6 | 57°7 | 58°0 | 59°0 | 61°6 | 65°8 | 69°0 | 73°6 | 74°0 | 75°3 | 70°9 | 70°7 | 69°0 | 67°8 | 65°7 | 64°7 | 64°6 | 63°8 | 62°6 | 61°0 | 61°6 | 64°4 |
| 21 | 61°6 | 61°6 | 61°6 | 61°4 | 60°4 | 60°1 | 59°7 | 59°2 | 57°4 | 57°1 | 57°4 | 58°4 | 60°1 | 61°6 | 62°0 | 63°0 | 64°1 | 62°9 | 60°9 | 57°1 | 55°0 | 54°5 | 51°1 | 49°8 | 48°6 | 58°8 |
| 22 | 48°6 | 46°6 | 45°8 | 45°1 | 43°9 | 44°0 | 43°3 | 42°7 | 44°8 | 49°8 | 51°8 | 54°3 | 56°9 | 58°3 | 58°9 | 58°0 | 57°8 | 57°6 | 56°3 | 54°4 | 54°7 | 55°2 | 55°3 | 55°3 | 55°4 | 51°8 |
| 23 | 55°4 | 55°7 | 55°8 | 56°0 | 56°0 | 55°7 | 55°1 | 55°7 | 57°1 | 60°0 | 61°2 | 60°6 | 63°0 | 64°0 | 64°0 | 62°2 | 61°4 | 60°4 | 60°0 | 59°9 | 59°8 | 59°4 | 59°0 | 57°7 | 55°8 | 59°0 |
| 24 | 55°8 | 55°9 | 56°1 | 55°7 | 56°0 | 56°3 | 56°7 | 56°8 | 56°9 | 57°1 | 57°3 | 59°0 | 59°9 | 62°6 | 63°0 | 63°1 | 61°2 | 59°9 | 58°8 | 57°3 | 56°0 | 55°1 | 54°4 | 54°0 | 52°4 | 57°6 |
| 25 | 52°4 | 51°9 | 50°1 | 51°9 | 52°3 | 52°8 | 53°0 | 53°7 | 54°7 | 56°4 | 57°0 | 57°3 | 58°6 | 61°1 | 61°8 | 62°8 | 61°2 | 60°1 | 58°5 | 57°0 | 55°1 | 53°7 | 52°8 | 53°4 | 54°1 | 55°9 |
| 26 | 54°1 | 55°3 | 56°3 | 56°8 | 55°6 | 54°8 | 53°4 | 53°3 | 54°7 | 56°6 | 59°0 | 59°7 | 60°4 | 62°6 | 61°7 | 62°1 | 61°4 | 59°9 | 57°7 | 55°1 | 54°0 | 52°9 | 52°7 | 52°3 | 52°3 | 56°7 |
| 27 | 52°3 | 51°8 | 52°7 | 52°3 | 51°6 | 51°0 | 49°9 | 50°4 | 52°0 | 54°7 | 57°6 | 60°0 | 61°0 | 58°7 | 58°0 | 58°4 | 57°6 | 57°5 | 56°1 | 55°3 | 55°6 | 55°8 | 56°1 | 56°7 | 57°1 | 55°2 |
| 28 | 57°1 | 57°6 | 57°5 | 57°7 | 57°8 | 58°0 | 57°3 | 58°6 | 59°7 | 61°1 | 63°3 | 65°0 | 65°0 | 65°2 | 67°1 | 67°9 | 67°6 | 67°9 | 64°9 | 64°0 | 64°0 | 63°7 | 63°1 | 62°9 | 62°6 | 62°4 |
| 29 | 62°6 | 62°5 | 62°6 | 62°5 | 62°5 | 62°4 | 60°9 | 62°0 | 63°7 | 65°1 | 66°7 | 67°9 | 68°6 | 71°6 | 71°8 | 72°1 | 69°8 | 67°0 | 64°1 | 63°0 | 59°7 | 60°0 | 58°0 | 57°9 | 56°0 | 64°2 |
| 30 | 56°0 | 56°7 | 57°1 | 55°7 | 54°0 | 57°1 | 54°5 | 57°0 | 60°7 | 65°0 | 67°8 | 70°5 | 72°6 | 73°8 | 75°1 | 75°7 | 74°4 | 73°0 | 68°3 | 64°0 | 61°9 | 60°0 | 58°5 | 57°4 | 57°0 | 63°6 |
| Mean ... | 52°4 | 51°9 | 51°4 | 51°1 | 50°7 | 50°6 | 50°4 | 51°7 | 53°6 | 56°2 | 58°3 | 60°1 | 61°3 | 62°5 | 62°4 | 62°1 | 61°3 | 60°3 | 58°6 | 56°9 | 55°8 | 55°0 | 54°0 | 53°4 | 52°6 | 55°9 |
| Mean, 1871–1905. | 53°4 | 52°9 | 52°4 | 52°1 | 51°7 | 51°5 | 51°4 | 52°5 | 54°4 | 56°8 | 58°7 | 60°5 | 61°6 | 62°7 | 63°1 | 63°3 | 62°8 | 61°8 | 59°8 | 57°9 | 56°5 | 55°5 | 54°7 | 53°9 | 53°3 | 56°7 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). SEPTEMBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 88 | 85 | 82 | 81 | 83 | 82 | 80 | 76 | 72 | 75 | 80 | 87 | 74 | 66 | 59 | 58 | 61 | 68 | 70 | 77 | 72 | 66 | 68 | 79 | 84 | 74·5 |
| 2 | 84 | 82 | 86 | 86 | 89 | 90 | 90 | 82 | 78 | 70 | 65 | 62 | 56 | 61 | 61 | 91 | 84 | 83 | 79 | 86 | 91 | 84 | 80 | 75 | 85 | 79·0 |
| 3 | 85 | 87 | 89 | 91 | 92 | 91 | 91 | 91 | 87 | 81 | 76 | 71 | 71 | 73 | 75 | 81 | 79 | 88 | 94 | 96 | 95 | 94 | 95 | 95 | 95 | 86·4 |
| 4 | 95 | 96 | 96 | 97 | 96 | 96 | 97 | 95 | 92 | 90 | 87 | 85 | 85 | 87 | 82 | 85 | 82 | 81 | 79 | 77 | 83 | 84 | 83 | 82 | 90 | 87·9 |
| 5 | 90 | 90 | 91 | 93 | 95 | 95 | 97 | 93 | 93 | 87 | 77 | 69 | 67 | 70 | 68 | 57 | 61 | 65 | 72 | 78 | 80 | 84 | 84 | 86 | 85 | 80·8 |
| 6 | 85 | 86 | 86 | 89 | 90 | 92 | 92 | 88 | 83 | 74 | 75 | 76 | 65 | 61 | 62 | 63 | 64 | 61 | 67 | 74 | 80 | 85 | 86 | 87 | 90 | 78·1 |
| 7 | 90 | 91 | 95 | 97 | 96 | 97 | 97 | 96 | 88 | 84 | 75 | 67 | 64 | 62 | 51 | 54 | 57 | 67 | 71 | 78 | 84 | 88 | 94 | 92 | 95 | 80·8 |
| 8 | 95 | 94 | 97 | 93 | 95 | 98 | 96 | 97 | 97 | 87 | 80 | 74 | 64 | 68 | 68 | 65 | 73 | 84 | 90 | 89 | 88 | 84 | 79 | 77 | 78 | 84·3 |
| 9 | 78 | 78 | 74 | 74 | 76 | 78 | 77 | 73 | 67 | 66 | 61 | 57 | 58 | 57 | 56 | 66 | 75 | 70 | 68 | 69 | 73 | 77 | 77 | 77 | 80 | 70·1 |
| 10 | 80 | 80 | 83 | 86 | 89 | 90 | 90 | 85 | 75 | 66 | 64 | 59 | 52 | 51 | 49 | 51 | 53 | 54 | 62 | 67 | 72 | 79 | 85 | 87 | 89 | 71·4 |
| 11 | 89 | 91 | 91 | 92 | 93 | 92 | 95 | 94 | 91 | 86 | 80 | 71 | 67 | 66 | 66 | 65 | 60 | 72 | 72 | 75 | 79 | 82 | 87 | 87 | 90 | 81·0 |
| 12 | 90 | 86 | 85 | 86 | 87 | 87 | 87 | 86 | 83 | 75 | 59 | 55 | 55 | 53 | 50 | 51 | 59 | 81 | 89 | 76 | 92 | 90 | 89 | 93 | 97 | 77·0 |
| 13 | 97 | 94 | 93 | 94 | 95 | 96 | 96 | 93 | 92 | 86 | 77 | 64 | 61 | 57 | 54 | 60 | 66 | 72 | 76 | 81 | 81 | 80 | 79 | 79 | 85 | 79·8 |
| 14 | 85 | 86 | 88 | 88 | 91 | 90 | 87 | 80 | 76 | 75 | 72 | 67 | 63 | 62 | 60 | 61 | 62 | 67 | 71 | 78 | 86 | 89 | 93 | 92 | 94 | 78·1 |
| 15 | 94 | 95 | 96 | 96 | 97 | 96 | 97 | 95 | 90 | 82 | 85 | 78 | 73 | 82 | 80 | 88 | 93 | 92 | 94 | 95 | 97 | 98 | 93 | 94 | 96 | 90·9 |
| 16 | 96 | 95 | 95 | 95 | 95 | 95 | 96 | 95 | 89 | 83 | 79 | 67 | 64 | 58 | 64 | 73 | 75 | 76 | 76 | 85 | 86 | 84 | 82 | 85 | 85 | 82·6 |
| 17 | 85 | 86 | 86 | 85 | 86 | 86 | 89 | 86 | 84 | 77 | 74 | 70 | 69 | 69 | 65 | 68 | 67 | 70 | 78 | 84 | 91 | 94 | 99 | 95 | 99 | 81·2 |
| 18 | 99 | 97 | 99 | 98 | 99 | 97 | 97 | 96 | 94 | 78 | 66 | 61 | 65 | 58 | 62 | 69 | 73 | 81 | 90 | 91 | 95 | 96 | 97 | 96 | 97 | 85·6 |
| 19 | 97 | 99 | 99 | 98 | 98 | 98 | 99 | 97 | 98 | 96 | 92 | 82 | 80 | 75 | 73 | 73 | 70 | 71 | 80 | 93 | 94 | 98 | 95 | 96 | 97 | 89·6 |
| 20 | 97 | 94 | 95 | 92 | 92 | 95 | 93 | 94 | 90 | 81 | 76 | 68 | 69 | 65 | 73 | 76 | 78 | 83 | 86 | 91 | 90 | 89 | 91 | 94 | 94 | 85·5 |
| 21 | 94 | 94 | 94 | 94 | 94 | 93 | 91 | 93 | 89 | 88 | 90 | 81 | 76 | 74 | 71 | 73 | 69 | 67 | 81 | 85 | 93 | 85 | 92 | 95 | 97 | 85·8 |
| 22 | 97 | 96 | 97 | 98 | 96 | 99 | 98 | 95 | 94 | 89 | 88 | 84 | 77 | 75 | 73 | 83 | 84 | 83 | 84 | 94 | 89 | 86 | 85 | 85 | 86 | 88·5 |
| 23 | 86 | 85 | 86 | 86 | 87 | 89 | 91 | 90 | 88 | 84 | 81 | 83 | 77 | 73 | 70 | 81 | 85 | 90 | 92 | 88 | 87 | 87 | 87 | 90 | 94 | 85·3 |
| 24 | 94 | 94 | 92 | 95 | 94 | 93 | 92 | 91 | 92 | 92 | 93 | 89 | 87 | 76 | 78 | 78 | 83 | 88 | 90 | 84 | 88 | 91 | 95 | 93 | 95 | 89·3 |
| 25 | 95 | 94 | 96 | 96 | 97 | 95 | 97 | 96 | 95 | 91 | 84 | 82 | 82 | 82 | 80 | 77 | 75 | 81 | 84 | 88 | 88 | 90 | 89 | 89 | 90 | 88·8 |
| 26 | 92 | 91 | 90 | 84 | 90 | 94 | 93 | 93 | 89 | 79 | 73 | 66 | 66 | 54 | 56 | 54 | 55 | 60 | 67 | 76 | 80 | 87 | 88 | 91 | 86 | 77·7 |
| 27 | 86 | 87 | 88 | 88 | 89 | 88 | 92 | 92 | 89 | 83 | 80 | 74 | 72 | 85 | 87 | 85 | 85 | 84 | 91 | 95 | 93 | 92 | 92 | 92 | 92 | 87·2 |
| 28 | 92 | 91 | 94 | 94 | 94 | 95 | 97 | 96 | 93 | 93 | 88 | 86 | 85 | 86 | 81 | 81 | 85 | 83 | 89 | 92 | 92 | 92 | 92 | 93 | 92 | 90·2 |
| 29 | 92 | 95 | 95 | 97 | 95 | 97 | 97 | 94 | 91 | 87 | 86 | 83 | 81 | 74 | 72 | 74 | 78 | 83 | 91 | 94 | 94 | 96 | 96 | 96 | 96 | 89·2 |
| 30 | 96 | 95 | 96 | 95 | 94 | 95 | 96 | 94 | 95 | 89 | 84 | 77 | 75 | 71 | 70 | 66 | 67 | 72 | 82 | 93 | 97 | 98 | 97 | 97 | 97 | 87·2 |
| Mean ... | 90·8 | 90·5 | 91·1 | 91·3 | 92·1 | 92·6 | 92·9 | 90·9 | 87·8 | 82·5 | 78·2 | 73·2 | 70·0 | 68·3 | 67·1 | 70·2 | 72·1 | 76·0 | 80·6 | 84·3 | 87·1 | 87·6 | 88·3 | 89·0 | 91·1 | 83·1 |
| Mean, 1886–1905. | 87·8 | 88·6 | 89·6 | 89·7 | 90·1 | 90·0 | 90·3 | 88·5 | 84·9 | 79·9 | 74·9 | 70·6 | 67·4 | 65·2 | 64·2 | 63·9 | 65·1 | 67·9 | 73·0 | 77·9 | 81·5 | 83·4 | 85·3 | 86·3 | 87·7 | 79·4 |

# VALENCIA OBSERVATORY. OCTOBER, 1908.

[*Price Sixpence.*]

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. OCTOBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·969 | 9·858 | 63·9 | 59·9 | 9 | 9·781 | 9·629 | 60·3 | 51·7 | 17 | 9·802 | 9·622 | 59·9 | 50·8 | 25 | 0·230 | 0·127 | 55·2 | 48·8 |
| 2 | 9·948 | 9·887 | 63·3 | 57·4 | 10 | 0·028 | 9·705 | 58·7 | 52·4 | 18 | 9·858 | 9·772 | 56·9 | 48·2 | 26 | 0·221 | 9·874 | 52·0 | **39·3** |
| 3 | 0·071 | 9·873 | **71·2** | 61·2 | 11 | 0·004 | 9·764 | 60·6 | 55·8 | 19 | 9·772 | 9·540 | 60·4 | 56·2 | 27 | 9·878 | 9·786 | 55·4 | 50·5 |
| 4 | 0·165 | 0·043 | 65·3 | 55·3 | 12 | 9·789 | 9·722 | 62·4 | 56·7 | 20 | 9·679 | 9·507 | 59·4 | 52·7 | 28 | 9·897 | 9·723 | 60·1 | 50·0 |
| 5 | 0·049 | 9·884 | 68·7 | 61·8 | 13 | 9·809 | 9·769 | 62·1 | 55·4 | 21 | 0·189 | 9·679 | 57·0 | 46·4 | 29 | 9·903 | 9·628 | 59·9 | 53·9 |
| 6 | 9·953 | 9·877 | 62·9 | 58·0 | 14 | 9·928 | 9·754 | 58·8 | 52·0 | 22 | **0·341** | 0·185 | 55·6 | 47·2 | 30 | 9·869 | 9·439 | 59·6 | 51·5 |
| 7 | 9·953 | 9·741 | 63·0 | 56·9 | 15 | 9·931 | 9·770 | 62·5 | 51·4 | 23 | 0·332 | 0·278 | 53·9 | 45·9 | 31 | 9·928 | 9·862 | 58·1 | 52·3 |
| 8 | 9·764 | **9·362** | 63·4 | 52·3 | 16 | 9·775 | 9·673 | 61·5 | 53·8 | 24 | 0·295 | 0·158 | 54·2 | 45·8 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 60·2 | 52·6 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. OCTOBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·874 | 9·870 | 9·870 | 9·863 | 9·868 | 9·866 | 9·869 | 9·894 | 9·911 | 9·932 | 9·934 | 9·947 | 9·957 | 9·952 | 9·965 | 9·957 | 9·952 | 9·957 | 9·953 | 9·952 | 9·943 | 9·945 | 9·933 | 9·924 | 9·916 | 9·921 |
| 2 | 9·916 | 9·922 | 9·912 | 9·889 | 9·899 | 9·906 | 9·907 | 9·912 | 9·906 | 9·914 | 9·928 | 9·929 | 9·936 | 9·941 | 9·940 | 9·934 | 9·938 | 9·920 | 9·927 | 9·943 | 9·946 | 9·941 | 9·927 | 9·909 | 9·887 | 9·922 |
| 3 | 9·887 | 9·899 | 9·896 | 9·883 | 9·880 | 9·884 | 9·886 | 9·899 | 9·899 | 9·917 | 9·918 | 9·901 | 9·903 | 9·927 | 9·919 | 9·918 | 9·913 | 9·961 | 9·972 | 9·985 | 0·005 | 0·027 | 0·044 | 0·068 | 0·071 | 9·937 |
| 4 | 0·071 | 0·077 | 0·090 | 0·095 | 0·095 | 0·102 | 0·113 | 0·132 | 0·141 | 0·152 | 0·160 | 0·155 | 0·160 | 0·141 | 0·133 | 0·112 | 0·095 | 0·092 | 0·089 | 0·108 | 0·099 | 0·085 | 0·078 | 0·061 | 0·043 | 0·109 |
| 5 | 0·043 | 0·045 | 0·033 | 0·018 | 9·997 | 0·008 | 0·034 | 9·985 | 9·979 | 9·983 | 9·982 | 9·968 | 9·966 | 9·964 | 9·960 | 9·961 | 9·925 | 9·910 | 9·897 | 9·890 | 9·909 | 9·900 | 9·904 | 9·899 | 9·898 | 9·961 |
| 6 | 9·898 | 9·900 | 9·899 | 9·898 | 9·894 | 9·890 | 9·889 | 9·898 | 9·896 | 9·894 | 9·894 | 9·895 | 9·894 | 9·886 | 9·880 | 9·879 | 9·877 | 9·882 | 9·889 | 9·912 | 9·921 | 9·932 | 9·942 | 9·953 | 9·952 | 9·901 |
| 7 | 9·952 | 9·953 | 9·947 | 9·937 | 9·933 | 9·939 | 9·937 | 9·935 | 9·937 | 9·939 | 9·934 | 9·937 | 9·919 | 9·900 | 9·896 | 9·877 | 9·844 | 9·829 | 9·823 | 9·811 | 9·815 | 9·807 | 9·792 | 9·761 | 9·741 | 9·885 |
| 8 | 9·741 | 9·727 | 9·703 | 9·658 | 9·652 | 9·639 | 9·635 | 9·645 | 9·657 | 9·633 | 9·602 | 9·579 | 9·542 | 9·503 | 9·474 | 9·430 | 9·384 | 9·369 | 9·404 | 9·525 | 9·610 | 9·674 | 9·716 | 9·747 | 9·764 | 9·594 |
| 9 | 9·764 | 9·781 | 9·772 | 9·768 | 9·752 | 9·745 | 9·723 | 9·708 | 9·702 | 9·704 | 9·690 | 9·694 | 9·683 | 9·681 | 9·675 | 9·656 | 9·650 | 9·637 | 9·649 | 9·670 | 9·672 | 9·681 | 9·691 | 9·696 | 9·705 | 9·701 |
| 10 | 9·705 | 9·714 | 9·716 | 9·725 | 9·735 | 9·755 | 9·776 | 9·799 | 9·830 | 9·853 | 9·875 | 9·899 | 9·900 | 9·929 | 9·930 | 9·941 | 9·947 | 9·968 | 9·992 | 9·993 | 0·002 | 0·016 | 0·022 | 0·018 | 0·002 | 9·883 |
| 11 | 0·002 | 9·995 | 9·985 | 9·976 | 9·967 | 9·948 | 9·936 | 9·940 | 9·946 | 9·932 | 9·918 | 9·908 | 9·892 | 9·884 | 9·862 | 9·848 | 9·835 | 9·831 | 9·820 | 9·815 | 9·802 | 9·800 | 9·793 | 9·777 | 9·764 | 9·887 |
| 12 | 9·764 | 9·760 | 9·752 | 9·743 | 9·741 | 9·732 | 9·728 | 9·728 | 9·732 | 9·734 | 9·725 | 9·736 | 9·739 | 9·735 | 9·731 | 9·729 | 9·726 | 9·739 | 9·745 | 9·756 | 9·766 | 9·782 | 9·779 | 9·785 | 9·778 | 9·746 |
| 13 | 9·778 | 9·782 | 9·777 | 9·776 | 9·776 | 9·775 | 9·769 | 9·782 | 9·790 | 9·792 | 9·799 | 9·806 | 9·809 | 9·801 | 9·794 | 9·799 | 9·791 | 9·795 | 9·796 | 9·797 | 9·790 | 9·795 | 9·801 | 9·789 | 9·787 | 9·790 |
| 14 | 9·787 | 9·787 | 9·791 | 9·784 | 9·767 | 9·758 | 9·764 | 9·764 | 9·775 | 9·800 | 9·801 | 9·818 | 9·828 | 9·827 | 9·817 | 9·826 | 9·835 | 9·848 | 9·864 | 9·886 | 9·903 | 9·911 | 9·912 | 9·915 | 9·928 | 9·827 |
| 15 | 9·928 | 9·928 | 9·919 | 9·905 | 9·898 | 9·892 | 9·891 | 9·899 | 9·897 | 9·883 | 9·871 | 9·872 | 9·851 | 9·838 | 9·827 | 9·817 | 9·805 | 9·803 | 9·786 | 9·799 | 9·793 | 9·787 | 9·779 | 9·777 | 9·770 | 9·849 |
| 16 | 9·770 | 9·769 | 9·760 | 9·749 | 9·742 | 9·741 | 9·737 | 9·741 | 9·739 | 9·739 | 9·734 | 9·734 | 9·729 | 9·720 | 9·704 | 9·693 | 9·677 | 9·678 | 9·679 | 9·687 | 9·688 | 9·691 | 9·697 | 9·701 | 9·708 | 9·723 |
| 17 | 9·708 | 9·710 | 9·703 | 9·697 | 9·696 | 9·689 | 9·692 | 9·701 | 9·703 | 9·704 | 9·698 | 9·687 | 9·664 | 9·642 | 9·629 | 9·643 | 9·659 | 9·679 | 9·702 | 9·731 | 9·750 | 9·774 | 9·787 | 9·798 | 9·802 | 9·704 |
| 18 | 9·802 | 9·802 | 9·804 | 9·808 | 9·810 | 9·814 | 9·821 | 9·833 | 9·843 | 9·853 | 9·854 | 9·856 | 9·855 | 9·847 | 9·841 | 9·837 | 9·825 | 9·821 | 9·822 | 9·827 | 9·816 | 9·806 | 9·794 | 9·786 | 9·772 | 9·823 |
| 19 | 9·774 | 9·753 | 9·736 | 9·707 | 9·697 | 9·673 | 9·663 | 9·657 | 9·643 | 9·645 | 9·626 | 9·597 | 9·582 | 9·581 | 9·557 | 9·547 | 9·551 | 9·558 | 9·572 | 9·578 | 9·586 | 9·595 | 9·592 | 9·586 | 9·580 | 9·623 |
| 20 | 9·580 | 9·572 | 9·565 | 9·561 | 9·581 | 9·585 | 9·597 | 9·614 | 9·633 | 9·638 | 9·641 | 9·630 | 9·627 | 9·614 | 9·589 | 9·568 | 9·543 | 9·524 | 9·529 | 9·561 | 9·578 | 9·607 | 9·636 | 9·662 | 9·676 | 9·595 |
| 21 | 9·679 | 9·704 | 9·730 | 9·740 | 9·778 | 9·804 | 9·840 | 9·872 | 9·899 | 9·914 | 9·937 | 9·950 | 9·972 | 9·988 | 0·005 | 0·026 | 0·042 | 0·070 | 0·092 | 0·117 | 0·130 | 0·147 | 0·149 | 0·173 | 0·185 | 9·958 |
| 22 | 0·185 | 0·194 | 0·206 | 0·224 | 0·236 | 0·248 | 0·266 | 0·285 | 0·296 | 0·312 | 0·318 | 0·322 | 0·321 | 0·310 | 0·301 | 0·300 | 0·303 | 0·308 | 0·318 | 0·333 | 0·338 | 0·341 | 0·339 | 0·333 | 0·320 | 0·292 |
| 23 | 0·329 | 0·325 | 0·314 | 0·304 | 0·298 | 0·297 | 0·293 | 0·299 | 0·308 | 0·317 | 0·323 | 0·324 | 0·322 | 0·319 | 0·300 | 0·293 | 0·281 | 0·283 | 0·285 | 0·284 | 0·300 | 0·302 | 0·300 | 0·298 | 0·293 | 0·303 |
| 24 | 0·293 | 0·289 | 0·284 | 0·261 | 0·258 | 0·251 | 0·243 | 0·245 | 0·258 | 0·261 | 0·253 | 0·245 | 0·235 | 0·224 | 0·205 | 0·200 | 0·181 | 0·179 | 0·175 | 0·173 | 0·188 | 0·187 | 0·174 | 0·171 | 0·158 | 0·224 |
| 25 | 0·158 | 0·164 | 0·154 | 0·143 | 0·127 | 0·141 | 0·138 | 0·143 | 0·155 | 0·170 | 0·174 | 0·182 | 0·179 | 0·183 | 0·178 | 0·178 | 0·179 | 0·189 | 0·204 | 0·206 | 0·203 | 0·216 | 0·224 | 0·230 | 0·221 | 0·177 |
| 26 | 0·221 | 0·216 | 0·208 | 0·193 | 0·174 | 0·158 | 0·146 | 0·144 | 0·135 | 0·127 | 0·113 | 0·109 | 0·076 | 0·038 | 0·010 | 9·985 | 9·979 | 9·977 | 9·962 | 9·954 | 9·938 | 9·921 | 9·906 | 9·893 | 9·874 | 0·059 |
| 27 | 9·874 | 9·868 | 9·847 | 9·841 | 9·832 | 9·829 | 9·822 | 9·834 | 9·840 | 9·842 | 9·845 | 9·832 | 9·828 | 9·817 | 9·804 | 9·789 | 9·789 | 9·788 | 9·794 | 9·804 | 9·803 | 9·805 | 9·806 | 9·802 | 9·798 | 9·821 |
| 28 | 9·798 | 9·790 | 9·797 | 9·782 | 9·774 | 9·783 | 9·786 | 9·767 | 9·774 | 9·766 | 9·762 | 9·750 | 9·

**VALENCIA.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 15 | 17 | 15 | 16 | 15 | 17 | 15 | 15 | 15 | 13 | 15 | 12 | 15 | 12 | 15 | 9 | 15 | 8 | 15 | 10 | 15 | 9 | 15 | 8 |
| 2 | 13 | 12 | 12 | 12 | 11 | 15 | 12 | 13 | 14 | 14 | 13 | 13 | 13 | 12 | 10 | 12 | 13 | 15 | 12 | 17 | 13 | 19 | 13 | 19 |
| 3 | 9 | 21 | 9 | 19 | 10 | 20 | 10 | 21 | 10 | 18 | 9 | 18 | 9 | 22 | 9 | 22 | 8 | 18 | 10 | 15 | 10 | 19 | 9 | 18 |
| 4 | 16 | 4 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 |
| 5 | 14 | 10 | 12 | 13 | 11 | 12 | 8 | 12 | 12 | 15 | 9 | 8 | 8 | 12 | 9 | 18 | 8 | 10 | 12 | 15 | 12 | 20 | 10 | 21 |
| 6 | 14 | 15 | 15 | 9 | 15 | 12 | 15 | 12 | 14 | 17 | 14 | 14 | 15 | 14 | 12 | 18 | 13 | 19 | 13 | 18 | 15 | 16 | 15 | 17 |
| 7 | 16 | 7 | 16 | 7 | 16 | 8 | 16 | 7 | 16 | 7 | 16 | 7 | 14 | 9 | 14 | 7 | 15 | 10 | 15 | 10 | 14 | 10 | 15 | 13 |
| 8 | 14 | 25 | 14 | 24 | 14 | 28 | 15 | 21 | 15 | 19 | 15 | 19 | 15 | 18 | 15 | 10 | 15 | 14 | 15 | 20 | 15 | 21 | 15 | 27 |
| 9 | 18 | 7 | 17 | 7 | 16 | 9 | 15 | 12 | 15 | 14 | 15 | 15 | 15 | 17 | 16 | 19 | 15 | 19 | 15 | 21 | 16 | 18 | 16 | 18 |
| 10 | 19 | 8 | 21 | 12 | 21 | 10 | 21 | 11 | 21 | 13 | 21 | 17 | 21 | 14 | 22 | 17 | 22 | 14 | 22 | 15 | 21 | 16 | 21 | 21 |
| 11 | 16 | 12 | 16 | 13 | 16 | 13 | 16 | 13 | 16 | 12 | 16 | 15 | 16 | 15 | 16 | 15 | 16 | 16 | 16 | 18 | 15 | 18 | 15 | 19 |
| 12 | 15 | 18 | 15 | 18 | 15 | 19 | 15 | 16 | 15 | 18 | 15 | 19 | 15 | 18 | 15 | 18 | 15 | 21 | 15 | 20 | 15 | 21 | 15 | 21 |
| 13 | 13 | 16 | 14 | 16 | 14 | 17 | 13 | 15 | 12 | 16 | 13 | 21 | 12 | 20 | 12 | 21 | 13 | 20 | 13 | 18 | 13 | 18 | 15 | 15 |
| 14 | 16 | 10 | 19 | 8 | 19 | 5 | 17 | 7 | 16 | 8 | 16 | 8 | 16 | 9 | 16 | 12 | 16 | 11 | 16 | 9 | 17 | 10 | 17 | 9 |
| 15 | — | 1 | — | 0 | — | 2 | — | 2 | — | 1 | — | 2 | — | 0 | — | 1 | 6 | 4 | — | 3 | 8 | 4 | 11 | 9 |
| 16 | 14 | 4 | 14 | 4 | 14 | 6 | 14 | 5 | 14 | 7 | 14 | 7 | 14 | 7 | 14 | 7 | 14 | 7 | 13 | 6 | 13 | 7 | 12 | 8 |
| 17 | 15 | 5 | 15 | 9 | 15 | 8 | 15 | 11 | 13 | 8 | 14 | 10 | 14 | 10 | 14 | 12 | 11 | 15 | 10 | 13 | 12 | 18 | 12 | 19 |
| 18 | 17 | 5 | 17 | 6 | 16 | 7 | 16 | 7 | 16 | 4 | 16 | 4 | 16 | 6 | 16 | 7 | 16 | 7 | 16 | 6 | 16 | 7 | 16 | 8 |
| 19 | 12 | 17 | 14 | 19 | 12 | 21 | 11 | 21 | 12 | 24 | 12 | 23 | 12 | 25 | 12 | 26 | 14 | 27 | 13 | 23 | 13 | 25 | 13 | 31 |
| 20 | 15 | 15 | 15 | 17 | 15 | 16 | 16 | 12 | 16 | 13 | 16 | 10 | 16 | 10 | 16 | 9 | 16 | 10 | 16 | 12 | 15 | 12 | 15 | 13 |
| 21 | 22 | 18 | 22 | 18 | 23 | 15 | 23 | 12 | 23 | 13 | 24 | 12 | 24 | 11 | 25 | 7 | 26 | 4 | 27 | 7 | 27 | 7 | 27 | 9 |
| 22 | — | 2 | — | 0 | — | 1 | — | 1 | 9 | 6 | 9 | 5 | 9 | 8 | 9 | 10 | 9 | 12 | 10 | 12 | 10 | 12 | 11 | 12 |
| 23 | 11 | 7 | 11 | 10 | 11 | 10 | 12 | 10 | 11 | 10 | 11 | 8 | 11 | 9 | 11 | 9 | 11 | 7 | 12 | 9 | 13 | 10 | 13 | 12 |
| 24 | 10 | 7 | 10 | 6 | 10 | 4 | 10 | 7 | 11 | 6 | 6 | 5 | 6 | 6 | 7 | 5 | 8 | 6 | 8 | 7 | 8 | 10 | 8 | 10 |
| 25 | — | 2 | — | 2 | 9 | 7 | 10 | 7 | 11 | 5 | 11 | 4 | 11 | 5 | 11 | 8 | 11 | 8 | 11 | 4 | 10 | 8 | 11 | 9 |
| 26 | 10 | 12 | 10 | 10 | 10 | 8 | 9 | 7 | 8 | 7 | 8 | 7 | 8 | 8 | 10 | 8 | 10 | 7 | 10 | 7 | 8 | 8 | 8 | 8 |
| 27 | 9 | 11 | 9 | 11 | 8 | 11 | 9 | 15 | 9 | 13 | 9 | 13 | 10 | 10 | 10 | 10 | 11 | 8 | 11 | 7 | 10 | 5 | 10 | 8 |
| 28 | 9 | 12 | 10 | 11 | 10 | 12 | 10 | 10 | 10 | 11 | 10 | 16 | 10 | 20 | 9 | 20 | 10 | 20 | 9 | 20 | 11 | 17 | 11 | 17 |
| 29 | 15 | 11 | 15 | 10 | 13 | 10 | 14 | 12 | 15 | 12 | 15 | 12 | 14 | 15 | 15 | 13 | 14 | 16 | 14 | 16 | 14 | 11 | 14 | 11 |
| 30 | 10 | 26 | 10 | 28 | 10 | 24 | 10 | 23 | 12 | 25 | 12 | 25 | 12 | 30 | 13 | 31 | 12 | 27 | 21 | 18 | 21 | 21 | 21 | 20 |
| 31 | 16 | 10 | 16 | 9 | 16 | 10 | 16 | 9 | 16 | 9 | 16 | 10 | 16 | 12 | 16 | 10 | 15 | 10 | 15 | 10 | 15 | 10 | 15 | 10 |
| Mean ... | — | 11 | — | 11 | — | 12 | — | 11 | — | 12 | — | 12 | — | 13 | — | 13 | — | 13 | — | 13 | — | 13 | — | 14 |
| Mean, 1881–1905. | — | 11·1 | — | 11·2 | — | 11·1 | — | 11·3 | — | 11·3 | — | 11·4 | — | 11·2 | — | 11·4 | — | 11·7 | — | 12·2 | — | 12·5 | — | 13·8 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the has been applied for friction. When the velocity is less than 4 miles per hour,

**VALENCIA.** TABLE IV.—RAINFALL IN ENGLISH INCHES. OCTOBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | ·05 | ·04 | — | — | — | ·01 | ·02 | ·02 | ·01 | — | — | — | — | — | — | — | ·02 | — | — | ·06 | — | — | ·23 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | ·04 |
| 7 | — | ·01 | — | — | — | — | — | — | — | ·04 | — | — | ·01 | — | ·01 | — | — | — | — | — | ·03 | — | — | — | ·06 |
| | | | | | | | | | | | | | | | | | | | | | | | | | ·04 |
| 8 | ·17 | ·14 | ·12 | ·11 | ·01 | ·01 | ·05 | ·04 | ·02 | ·04 | ·16 | ·06 | ·02 | ·01 | — | — | — | — | ·01 | — | — | — | — | — | ·97 |
| 9 | — | ·01 | — | — | — | — | ·15 | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·26 |
| 10 | — | ·01 | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | ·08 | — | — | ·02 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | ·02 | ·01 | ·02 | — | — | — | — | — | — | — | — | — | — | ·01 | ·06 | ·06 |
| 14 | — | — | — | — | — | ·01 | ·01 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·04 |
| 15 | — | — | — | — | — | — | — | — | ·02 | — | ·01 | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | ·04 |
| 16 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | ·04 |
| 17 | — | — | — | — | — | — | — | — | — | — | ·01 | — | ·03 | — | ·03 | ·01 | — | ·01 | ·02 | — | — | ·02 | ·06 | — | ·13 |
| | | | | | | | | | | | | | | | | | | | | | | | | | ·12 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 | ·02 | — | — | — | — | — | — | — | — | — | ·05 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 | *15 | ·14 | ·01 | ·01 | — | — | — | — | — | ·34 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | *01 | ·02 | — | ·03 | — | — | — | — | — | — | — | — | — | — | — | ·06 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | *03 | ·06 | — | ·01 | — | — | ·04 | — | — | — | — | — | — | ·14 |
| 30 | — | — | — | — | — | — | — | — | *01 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | *02 | — | — | — | — | — | ·01 | — | — | — | — | ·04 | — | ·07 |
| Sum ... | ·17 | ·17 | ·18 | ·15 | ·01 | ·02 | ·22 | ·05 | ·07 | ·16 | ·23 | *13 | ·16 | ·04 | ·09 | ·16 | ·15 | ·09 | ·09 | — | ·04 | ·08 | ·20 | ·04 | 2·70 |
| Average 1871–1905. | ·231 | ·242 | ·234 | ·245 | ·249 | ·237 | ·218 | ·217 | ·221 | ·220 | ·207 | ·245 | ·228 | ·199 | ·209 | ·221 | ·226 | ·218 | ·265 | ·231 | ·216 | ·227 | ·265 | ·239 | 5·506 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. OCTOBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 15 | 7 | 15 | 8 | 15 | 9 | 13 | 8 | 12 | 9 | 13 | 9 | 12 | 7 | 9 | 9 | 10 | 12 | 12 | 13 | 12 | 13 | 12 | 13 | 11 | 1 |
| 13 | 21 | 12 | 19 | 12 | 16 | 13 | 13 | 14 | 13 | 15 | 4 | — | 2 | — | 3 | 5 | 5 | 8 | 13 | 9 | 15 | 9 | 26 | 13 | 2 |
| 12 | 13 | 10 | 15 | 11 | 16 | 9 | 11 | 16 | 10 | 13 | 10 | 8 | 9 | 12 | 7 | — | 2 | — | 3 | 17 | 4 | 17 | 4 | 14 | 3 |
| — | 3 | — | 3 | — | 3 | 24 | 4 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | 5 | 4 | 11 | 12 | 9 | 14 | 3 | 4 |
| 12 | 19 | 12 | 20 | 12 | 18 | 9 | 15 | 9 | 22 | 8 | 26 | 9 | 24 | 12 | 16 | 12 | 15 | 12 | 15 | 12 | 14 | 13 | 14 | 16 | 5 |
| 15 | 16 | 15 | 15 | 15 | 14 | 15 | 13 | 15 | 13 | 15 | 11 | 15 | 10 | 16 | 9 | 16 | 11 | 16 | 10 | 16 | 8 | 16 | 7 | 13 | 6 |
| 14 | 16 | 15 | 15 | 14 | 15 | 13 | 14 | 14 | 21 | 14 | 24 | 13 | 22 | 15 | 19 | 14 | 22 | 14 | 26 | 14 | 26 | 14 | 26 | 15 | 7 |
| 15 | 26 | 14 | 27 | 14 | 31 | 15 | 34 | 15 | 31 | 15 | 29 | 19 | 26 | 20 | 23 | 21 | 17 | 20 | 10 | 18 | 11 | 18 | 9 | 22 | 8 |
| 16 | 20 | 16 | 19 | 16 | 19 | 16 | 18 | 16 | 18 | 17 | 14 | 17 | 13 | 17 | 11 | 17 | 10 | 20 | 11 | 20 | 11 | 19 | 12 | 15 | 9 |
| 21 | 23 | 21 | 19 | 21 | 18 | 21 | 12 | 21 | 12 | 21 | 7 | 20 | 6 | 20 | 9 | 18 | 8 | 18 | 10 | 17 | 10 | 16 | 13 | 13 | 10 |
| 16 | 20 | 15 | 20 | 15 | 21 | 15 | 21 | 15 | 21 | 15 | 19 | 15 | 21 | 15 | 18 | 15 | 21 | 15 | 21 | 15 | 19 | 15 | 18 | 17 | 11 |
| 15 | 22 | 15 | 21 | 15 | 21 | 15 | 18 | 15 | 15 | 15 | 15 | 14 | 17 | 15 | 16 | 15 | 16 | 14 | 17 | 14 | 18 | 13 | 18 | 18 | 12 |
| 15 | 12 | 15 | 13 | 15 | 13 | 15 | 12 | 15 | 12 | 15 | 11 | 16 | 11 | 16 | 12 | 16 | 13 | 16 | 13 | 16 | 12 | 16 | 12 | 15 | 13 |
| 17 | 10 | 17 | 10 | 17 | 9 | 18 | 7 | 18 | 5 | 18 | 5 | — | 3 | 17 | 5 | 16 | 5 | 9 | 4 | — | 3 | — | 3 | 7 | 14 |
| 7 | 4 | 11 | 7 | 10 | 10 | 10 | 12 | 10 | 10 | 10 | 12 | 10 | 9 | 11 | 7 | 11 | 7 | 12 | 4 | — | 3 | 13 | 4 | 5 | 15 |
| 12 | 11 | 11 | 11 | 12 | 14 | 12 | 15 | 11 | 15 | 13 | 15 | 13 | 16 | 14 | 12 | 15 | 9 | 15 | 10 | 15 | 7 | 15 | 8 | 9 | 16 |
| 13 | 19 | 14 | 23 | 16 | 16 | 16 | 12 | 16 | 11 | 16 | 7 | 18 | 7 | 18 | 7 | 19 | 7 | 18 | 8 | 17 | 7 | 17 | 6 | 11 | 17 |
| 16 | 8 | 16 | 9 | 15 | 11 | 15 | 10 | 13 | 11 | 11 | 10 | 11 | 10 | 12 | 14 | 12 | 15 | 12 | 18 | 12 | 18 | 12 | 15 | 9 | 18 |
| 14 | 33 | 14 | 32 | 15 | 29 | 15 | 23 | 15 | 20 | 15 | 20 | 15 | 17 | 15 | 17 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 22 | 19 |
| 15 | 15 | 15 | 13 | 15 | 15 | 15 | 18 | 15 | 18 | 15 | 14 | 16 | 10 | 20 | 10 | 20 | 9 | 22 | 13 | 22 | 14 | 21 | 16 | 13 | 20 |
| 27 | 7 | 27 | 7 | 27 | 5 | 27 | 5 | — | 1 | — | 0 | — | 2 | 3 | 5 | 3 | 5 | — | 3 | — | 2 | — | 3 | 7 | 21 |
| 12 | 12 | 11 | 8 | 11 | 12 | 11 | 10 | 10 | 12 | 10 | 12 | 10 | 12 | 10 | 13 | 10 | 10 | 10 | 12 | 10 | 10 | 11 | 12 | 9 | 22 |
| 13 | 10 | 12 | 10 | 12 | 9 | 12 | 8 | 12 | 9 | 12 | 7 | 12 | 7 | 12 | 10 | 10 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 9 | 23 |
| 8 | 7 | 9 | 5 | 12 | 6 | 13 | 5 | 13 | 4 | — | 2 | -- | 3 | — | 3 | 5 | 6 | 5 | 4 | — | 3 | 9 | 4 | 5 | 24 |
| 11 | 7 | 13 | 8 | 13 | 7 | 13 | 7 | 12 | 8 | 9 | 7 | 11 | 9 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 7 | 25 |
| 6 | 4 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 9 | 6 | 10 | 6 | 11 | 7 | 11 | 7 | 12 | 7 | 8 | 7 | 14 | 9 | 26 |
| 10 | 9 | 10 | 8 | 10 | 9 | 10 | 11 | 10 | 9 | 10 | 9 | 10 | 11 | 10 | 11 | 9 | 8 | 9 | 10 | 9 | 10 | 9 | 12 | 10 | 27 |
| 14 | 19 | 16 | 15 | 16 | 14 | 16 | 13 | 16 | 10 | 16 | 7 | 16 | 7 | 16 | 9 | 16 | 7 | 16 | 5 | 16 | 9 | 16 | 10 | 13 | 28 |
| 14 | 12 | 8 | 12 | 12 | 11 | 12 | 12 | 12 | 12 | 12 | 16 | 12 | 15 | 11 | 18 | 10 | 22 | 11 | 24 | 9 | 28 | 9 | 26 | 15 | 29 |
| 21 | 15 | 20 | 12 | 18 | 10 | 18 | 7 | 17 | 7 | 17 | 7 | 17 | 7 | 17 | 7 | 17 | 9 | 16 | 10 | 16 | 10 | 16 | 9 | 17 | 30 |
| 15 | 14 | 15 | 15 | 14 | 15 | 14 | 15 | 13 | 15 | 13 | 16 | 13 | 14 | 11 | 16 | 12 | 17 | 13 | 16 | 13 | 20 | 13 | 19 | 13 | 31 |
| — | 14 | — | 14 | — | 14 | — | 13 | — | 12 | — | 11 | — | 11 | — | 11 | — | 11 | — | 11 | — | 12 | — | 12 | 12 | Mean, 1881–1905. |
| — | 14·2 | — | 14·2 | — | 14·1 | — | 13·5 | — | 12·9 | — | 12·3 | — | 11·7 | — | 11·7 | — | 11·4 | — | 11·4 | — | 11·4 | — | 11·3 | 12·1 | |

cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction the direction is omitted, the record not being trustworthy in very light airs.

**VALENCIA.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. OCTOBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | 0·1 | Dull day, with ≋ and ●. |
| 2 | — | — | — | — | ·6 | ·6 | ·1 | — | — | ·5 | — | — | ·1 | — | — | — | — | 1·9 | Cloudy day, with clear atmosphere. |
| 3 | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·5 | — | — | — | — | — | 7·4 | Fine and warm; gloomy-looking at night. |
| 4 | — | — | — | — | ·1 | ·7 | ·2 | ·5 | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | 6·5 | ≋ early, then clearing. |
| 5 | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | 0·2 | Dull all day; distant ⊤ with < at 21h. |
| 6 | — | — | — | — | — | — | ·1 | — | — | — | — | ·1 | — | — | — | — | — | 0·2 | Gloomy and showery. |
| 7 | — | — | — | — | — | ·1 | ·5 | ·8 | ·7 | — | ·1 | ·1 | — | — | — | — | — | 2·3 | Cloudy day, with 🌂 and ● at night. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy day, with ≋, ●, and 🌂. |
| 9 | — | — | — | — | ·4 | ·9 | 1·0 | ·8 | 1·0 | ·5 | — | — | — | — | — | — | — | 4·6 | Dull day, brightening 9h.–12h.; ●² at 7h. |
| 10 | — | — | — | — | — | ·05 | ·9 | ·1 | ·4 | ·1 | ·1 | ·05 | — | — | — | — | — | 1·7 | Unsettled-looking and misty. [and 23h. |
| 11 | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | — | — | 0·2 | ≋, dull; Sly. breeze all day. |
| 12 | — | — | — | — | ·1 | 1·0 | 1·0 | — | ·2 | ·3 | ·9 | 1·0 | ·5 | — | — | — | — | 5·0 | Fair to unsettled-looking. |
| 13 | — | — | — | — | — | — | — | — | ·05 | ·3 | ·6 | ·2 | ·05 | — | — | — | — | 1·2 | Dull and misty; ●. |
| 14 | — | — | — | — | — | ·05 | ·05 | ·1 | ·7 | ·5 | ·6 | — | — | — | — | — | — | 2·0 | Cloudy and showery to fair. |
| 15 | — | — | — | — | — | — | ·05 | ·6 | ·5 | ·4 | ·05 | — | — | — | — | — | — | 1·6 | Dull most of day; ≋ at night. |
| 16 | — | — | — | — | ·2 | 1·0 | ·8 | ·5 | — | ·4 | ·7 | 1·0 | ·2 | — | — | — | — | 4·8 | Fair during day; ● in evening. |
| 17 | — | — | — | — | ·3 | — | ·5 | — | ·2 | — | ·5 | ·3 | ·9 | ·2 | — | — | — | 2·9 | Unsettled-looking and showery. |
| 18 | — | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | — | 8·8 | Fine day, becoming squally at night. |
| 19 | — | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | 0·1 | Dull, ●⁰ and 🌂. |
| 20 | — | — | — | — | — | ·1 | ·1 | ·6 | ·3 | — | — | — | — | — | — | — | — | 1·1 | Cloudy to dull; ●² in afternoon. |
| 21 | — | — | — | — | ·3 | ·2 | ·2 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | ·5 | — | — | — | — | 6·1 | Dull at first, then fine. |
| 22 | — | — | — | — | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | 4·9 | ⌓; hazy to fine. |
| 23 | — | — | — | — | ·1 | ·1 | ·2 | ·7 | ·7 | ·3 | ·5 | ·3 | — | — | — | — | — | 2·9 | Fair. |
| 24 | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | 0·1 | Dull all day. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | ·1 | ·8 | ·7 | — | — | — | 1·6 | Cloudy and hazy. |
| 26 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | — | 7·6 | Fine day, becoming overcast in evening. |
| 27 | — | — | — | — | ·05 | ·2 | — | ·3 | — | ·05 | ·1 | ·1 | — | — | — | — | — | 0·8 | ∞, dull. |
| 28 | — | — | — | — | — | — | — | — | — | — | ·1 | ·2 | ·6 | — | — | — | — | 0·9 | A.M. overcast and ●⁰; P.M. fair. |
| 29 | — | — | — | — | — | ·1 | ·5 | — | — | — | — | — | — | — | — | — | — | 0·6 | Cloudy day, with occasional ●; evening |
| 30 | — | — | — | — | — | — | ·1 | ·7 | 1·0 | ·8 | ·8 | 1·0 | ·9 | ·1 | — | — | — | 5·4 | Dull and showery to fine. [fair. |
| 31 | — | — | — | — | — | ·6 | ·5 | ·1 | ·4 | ·2 | — | — | — | — | — | — | — | 1·8 | Fair to dull; ●⁰. |
| | — | — | — | — | 4·25 | 8·55 | 8·4 | 9·95 | 11·45 | 11·55 | 11·3 | 10·85 | 7·7 | 1·3 | — | — | — | 85·3 | Total. |
| | — | — | — | 0·56 | 6·59 | 10·62 | 12·08 | 12·78 | 12·74 | 13·30 | 12·77 | 11·08 | 7·73 | 1·95 | 0·01 | — | — | 102·21 | Mean Total, 1881–1905. |

## TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. OCTOBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 60·5 | 60·0 | 60·2 | 61·1 | 60·5 | 60·5 | 60·2 | 60·4 | 60·3 | 60·2 | 60·6 | 60·9 | 61·8 | 63·0 | 62·7 | 62·7 | 62·4 | 61·8 | 61·4 | 61·6 | 61·3 | 62·4 | 62·2 | 62·8 | 62·6 | 61·4 |
| 2 | 62·6 | 61·9 | 61·4 | 61·7 | 62·2 | 60·9 | 60·6 | 61·0 | 60·7 | 51·9 | 61·6 | 62·0 | 62·0 | 62·4 | 63·0 | 63·0 | 62·5 | 61·2 | 59·8 | 59·1 | 57·9 | 60·8 | 61·9 | 63·0 | 63·1 | 61·5 |
| 3 | 63·1 | 63·0 | 64·6 | 65·4 | 65·4 | 65·9 | 65·5 | 64·9 | 65·4 | 66·9 | 68·4 | 69·8 | 70·9 | 71·2 | 69·4 | 68·9 | 66·9 | 67·2 | 64·0 | 64·4 | 63·8 | 62·9 | 61·6 | 61·5 | 61·2 | 65·8 |
| 4 | 61·2 | 60·4 | 60·1 | 60·3 | 59·1 | 57·3 | 56·2 | 55·6 | 56·0 | 57·4 | 59·3 | 60·4 | 62·7 | 64·2 | 63·8 | 64·3 | 64·5 | 64·7 | 60·2 | 59·5 | 58·4 | 59·0 | 58·5 | 63·5 | 64·5 | 60·3 |
| 5 | 64·5 | 65·4 | 65·5 | 65·6 | 65·5 | 66·1 | 64·2 | 62·9 | 64·7 | 65·5 | 66·5 | 67·5 | 67·9 | 68·6 | 67·9 | 67·1 | 65·6 | 64·6 | 63·4 | 63·6 | 63·2 | 63·2 | 62·2 | 61·8 | 61·9 | 65·1 |
| 6 | 61·0 | 62·0 | 61·4 | 59·9 | 59·0 | 59·7 | 59·6 | 59·9 | 60·4 | 61·4 | 61·5 | 61·9 | 62·6 | 61·8 | 61·5 | 61·3 | 61·2 | 60·8 | 59·6 | 59·8 | 59·1 | 59·1 | 58·8 | 58·4 | 58·0 | 60·5 |
| 7 | 58·0 | 57·9 | 57·7 | 58·2 | 57·8 | 57·6 | 57·3 | 57·7 | 58·4 | 58·9 | 60·0 | 61·5 | 61·8 | 62·9 | 61·3 | 61·2 | 61·6 | 60·6 | 60·3 | 60·5 | 60·2 | 60·7 | 60·0 | 61·3 | 61·1 | 59·8 |
| 8 | 61·1 | 60·5 | 59·4 | 60·0 | 59·5 | 59·6 | 59·9 | 59·9 | 59·2 | 59·7 | 60·9 | 61·6 | 61·2 | 61·7 | 61·8 | 62·5 | 62·0 | 62·5 | 59·3 | 56·0 | 53·7 | 53·2 | 52·3 | 53·8 | 52·9 | 59·1 |
| 9 | 52·9 | 52·9 | 52·6 | 52·3 | 53·3 | 54·7 | 55·3 | 55·6 | 54·8 | 55·7 | 57·8 | 56·5 | 59·4 | 60·0 | 58·7 | 58·7 | 57·8 | 57·7 | 57·3 | 56·0 | 56·0 | 56·2 | 56·2 | 54·9 | 53·1 | 56·0 |
| 10 | 53·1 | 53·7 | 53·8 | 52·7 | 52·7 | 53·2 | 53·1 | 53·3 | 54·2 | 54·9 | 56·3 | 57·4 | 58·4 | 57·8 | 57·7 | 58·4 | 56·8 | 56·8 | 55·2 | 54·5 | 54·5 | 54·4 | 55·4 | 55·9 | 56·3 | 55·2 |
| 11 | 56·3 | 56·0 | 56·2 | 56·8 | 55·9 | 56·3 | 56·4 | 56·8 | 56·9 | 58·1 | 58·4 | 59·3 | 59·5 | 60·1 | 59·9 | 60·0 | 59·5 | 59·5 | 58·7 | 58·8 | 58·2 | 58·6 | 58·6 | 58·7 | 58·7 | 58·1 |
| 12 | 58·7 | 58·0 | 58·2 | 58·3 | 57·9 | 57·9 | 57·4 | 56·9 | 57·4 | 59·2 | 60·8 | 60·9 | 61·4 | 61·7 | 62·2 | 61·6 | 61·0 | 60·2 | 58·8 | 59·2 | 58·4 | 57·9 | 58·4 | 58·0 | 58·3 | 59·2 |
| 13 | 58·3 | 58·2 | 58·4 | 57·9 | 58·0 | 58·3 | 59·0 | 59·4 | 59·8 | 60·2 | 59·7 | 59·9 | 59·3 | 61·6 | 61·3 | 61·7 | 60·4 | 59·3 | 58·5 | 57·9 | 57·2 | 56·9 | 56·4 | 55·9 | 55·4 | 58·8 |
| 14 | 55·4 | 55·7 | 55·2 | 54·5 | 53·2 | 52·7 | 52·8 | 53·5 | 53·3 | 54·1 | 54·9 | 56·3 | 57·3 | 58·2 | 58·4 | 58·5 | 57·3 | 56·8 | 55·5 | 55·5 | 55·1 | 54·9 | 54·3 | 53·4 | 52·0 | 55·2 |
| 15 | 52·0 | 53·6 | 53·0 | 51·8 | 53·2 | 52·1 | 51·4 | 51·9 | 53·2 | 54·5 | 55·0 | 57·2 | 59·0 | 61·7 | 61·8 | 62·5 | 61·2 | 60·6 | 59·5 | 59·7 | 59·2 | 59·2 | 59·1 | 59·0 | 58·1 | 56·8 |
| 16 | 58·1 | 57·6 | 57·2 | 57·3 | 55·9 | 54·6 | 54·9 | 55·1 | 55·5 | 57·5 | 59·5 | 60·6 | 60·4 | 61·2 | 61·0 | 61·3 | 60·5 | 59·5 | 59·1 | 58·9 | 58·4 | 57·4 | 57·2 | 57·0 | 55·9 | 58·1 |
| 17 | 55·9 | 55·6 | 55·0 | 54·8 | 55·2 | 55·9 | 55·2 | 55·3 | 55·4 | 56·7 | 58·1 | 59·1 | 59·2 | 59·9 | 58·8 | 56·7 | 57·4 | 56·4 | 54·4 | 54·0 | 53·3 | 52·7 | 52·2 | 52·2 | 50·8 | 55·7 |
| 18 | 50·8 | 50·8 | 51·4 | 51·4 | 50·8 | 50·7 | 49·9 | 49·2 | 49·9 | 51·7 | 53·9 | 55·4 | 55·7 | 56·1 | 56·4 | 56·9 | 55·7 | 54·9 | 54·3 | 53·7 | 53·8 | 54·8 | 55·2 | 56·2 | 56·5 | 53·4 |
| 19 | 56·5 | 56·3 | 56·7 | 56·7 | 56·8 | 57·5 | 57·6 | 57·9 | 58·4 | 58·8 | 59·4 | 59·9 | 59·9 | 59·9 | 59·5 | 59·3 | 59·3 | 59·3 | 58·7 | 57·8 | 58·4 | 58·5 | 58·2 | 58·7 | 58·3 | 58·4 |
| 20 | 58·3 | 57·9 | 57·7 | 57·9 | 56·4 | 56·6 | 55·5 | 55·9 | 55·9 | 56·3 | 57·3 | 57·6 | 58·9 | 59·1 | 58·2 | 57·7 | 56·7 | 55·5 | 55·2 | 54·0 | 54·0 | 52·9 | 53·5 | 54·1 | 53·9 | 53·7 |
| 21 | 53·7 | 54·0 | 54·5 | 54·9 | 54·4 | 54·8 | 54·0 | 53·9 | 54·3 | 54·4 | 55·4 | 56·0 | 56·2 | 56·9 | 56·4 | 56·8 | 56·1 | 54·2 | 51·5 | 50·7 | 47·8 | 48·2 | 46·6 | 47·8 | 46·9 | 53·3 |
| 22 | 46·9 | 47·7 | 48·6 | 49·0 | 49·8 | 51·7 | 52·4 | 53·0 | 52·5 | 52·9 | 53·2 | 53·8 | 53·7 | 54·9 | 55·5 | 54·8 | 53·2 | 51·9 | 50·0 | 49·5 | 49·9 | 49·2 | 49·5 | 49·9 | 50·1 | 51·5 |
| 23 | 50·1 | 50·0 | 50·5 | 50·9 | 50·8 | 51·6 | 51·3 | 50·9 | 50·5 | 51·7 | 52·5 | 53·7 | 53·2 | 53·9 | 53·3 | 53·8 | 53·2 | 51·7 | 49·9 | 49·2 | 49·4 | 47·8 | 47·0 | 48·2 | 45·9 | 51·0 |
| 24 | 45·9 | 49·3 | 48·6 | 49·1 | 49·7 | 49·4 | 48·3 | 48·9 | 48·5 | 49·8 | 50·9 | 51·9 | 52·6 | 53·1 | 54·1 | 53·8 | 53·1 | 52·0 | 50·6 | 50·1 | 49·7 | 49·9 | 50·0 | 49·9 | 49·9 | 50·5 |
| 25 | 49·9 | 49·4 | 48·9 | 50·3 | 50·8 | 50·9 | 50·5 | 51·1 | 50·8 | 51·8 | 52·2 | 53·1 | 54·0 | 54·7 | 55·0 | 53·9 | 53·8 | 53·1 | 51·5 | 51·4 | 50·5 | 49·8 | 49·9 | 49·3 | 49·5 | 51·5 |
| 26 | 49·5 | 48·9 | 47·7 | 45·7 | 42·4 | 41·9 | 40·6 | 43·8 | 44·8 | 45·3 | 47·0 | 48·7 | 50·0 | 50·7 | 50·8 | 50·9 | 50·6 | 49·3 | 49·4 | 49·6 | 49·5 | 49·8 | 49·9 | 49·3 | 49·5 | 47·9 |
| 27 | 51·9 | 52·8 | 52·6 | 52·9 | 53·7 | 54·2 | 53·8 | 53·8 | 53·3 | 53·0 | 53·1 | 54·3 | 54·7 | 54·9 | 55·0 | 54·5 | 54·4 | 53·0 | 52·4 | 52·3 | 52·3 | 52·0 | 51·8 | 50·9 | 50·5 | 53·2 |
| 28 | 50·5 | 50·4 | 51·6 | 50·9 | 51·7 | 52·4 | 52·7 | 52·5 | 52·6 | 54·1 | 54·4 | 55·4 | 57·4 | 58·3 | 60·1 | 59·2 | 59·1 | 57·0 | 56·2 | 56·3 | 56·3 | 54·7 | 53·9 | 54·5 | 54·1 | 54·7 |
| 29 | 54·1 | 54·5 | 54·5 | 54·8 | 54·6 | 54·8 | 54·3 | 55·4 | 56·2 | 56·0 | 58·4 | 58·9 | 58·8 | 58·1 | 58·9 | 58·5 | 58·9 | 58·9 | 57·9 | 58·5 | 59·0 | 59·7 | 59·4 | 58·9 | 58·1 | 57·3 |
| 30 | 58·1 | 58·3 | 59·4 | 58·9 | 58·5 | 58·9 | 59·2 | 59·5 | 59·1 | 58·3 | 56·7 | 55·0 | 55·7 | 56·8 | 56·7 | 57·3 | 56·1 | 54·3 | 52·4 | 51·7 | 51·9 | 52·3 | 52·1 | 51·8 | 52·3 | 56·1 |
| 31 | 52·3 | 52·7 | 52·7 | 52·7 | 52·4 | 52·9 | 53·5 | 53·8 | 54·4 | 55·6 | 57·4 | 57·4 | 55·8 | 57·6 | 57·6 | 57·4 | 56·5 | 56·9 | 56·9 | 56·7 | 56·6 | 57·5 | 57·4 | 57·4 | 57·6 | 55·6 |
| Mean ... | 55·6 | 55·7 | 55·7 | 55·6 | 55·4 | 55·5 | 55·2 | 55*5 | 55*7 | 56·6 | 57·5 | 58·2 | 58·8 | 59·4 | 59·3 | 59*2 | 58·5 | 57·8 | 56·5 | 56·2 | 55·7 | 55·7 | 55·5 | 55·8 | 55·5 | 56·7 |
| Mean, 1871–1905. | 50·1 | 50·1 | 49·9 | 49·8 | 49·7 | 49·7 | 49·6 | 49·6 | 49·8 | 50·9 | 51·9 | 52·9 | 53·4 | 53·8 | 53·9 | 53·8 | 53·4 | 52·6 | 51·7 | 51·2 | 50·9 | 50·7 | 50·3 | 50·2 | 50·0 | 51·2 |

## TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). OCTOBER, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 98 | 99 | 98 | 97 | 99 | 99 | 98 | 99 | 98 | 98 | 99 | 99 | 99 | 95 | 95 | 95 | 93 | 89 | 88 | 89 | 88 | 92 | 88 | 89 | 94 | 94·8 |
| 2 | 89 | 91 | 91 | 87 | 85 | 87 | 88 | 87 | 88 | 84 | 83 | 83 | 86 | 85 | 82 | 81 | 83 | 85 | 88 | 89 | 91 | 79 | 74 | 70 | 70 | 84·5 |
| 3 | 70 | 80 | 81 | 80 | 80 | 75 | 75 | 78 | 76 | 73 | 68 | 66 | 65 | 69 | 72 | 75 | 78 | 79 | 87 | 85 | 88 | 91 | 92 | 93 | 94 | 78·7 |
| 4 | 94 | 94 | 94 | 95 | 95 | 95 | 98 | 96 | 97 | 95 | 96 | 94 | 91 | 86 | 89 | 88 | 90 | 94 | 97 | 96 | 79 | 73 | 72 | 70 | 74 | 92·7 |
| 5 | 73 | 75 | 75 | 73 | 72 | 70 | 74 | 76 | 69 | 65 | 62 | 62 | 60 | 61 | 62 | 66 | 71 | 75 | 77 | 76 | 80 | 80 | 88 | 90 | 91 | 72·8 |
| 6 | 91 | 91 | 94 | 96 | 94 | 91 | 89 | 91 | 90 | 90 | 90 | 94 | 89 | 94 | 95 | 96 | 94 | 93 | 94 | 92 | 96 | 95 | 95 | 95 | 98 | 93·0 |
| 7 | 98 | 96 | 96 | 96 | 95 | 95 | 92 | 90 | 94 | 92 | 86 | 84 | 81 | 86 | 86 | 84 | 86 | 88 | 89 | 91 | 88 | 87 | 84 | 88 | 89·8 |
| 8 | 88 | 95 | 96 | 94 | 97 | 98 | 98 | 99 | 98 | 98 | 95 | 96 | 95 | 96 | 95 | 93 | 87 | 82 | 89 | 88 | 91 | 82 | 83 | 85 | 92·5 |
| 9 | 85 | 91 | 93 | 92 | 87 | 87 | 83 | 84 | 82 | 88 | 82 | 89 | 79 | 77 | 81 | 81 | 84 | 87 | 87 | 89 | 91 | 88 | 85 | 88 | 91 | 86·3 |
| 10 | 91 | 91 | 92 | 92 | 92 | 91 | 86 | 90 | 88 | 85 | 84 | 81 | 79 | 83 | 81 | 81 | 79 | 83 | 86 | 87 | 91 | 91 | 92 | 91 | 87 | 87·3 |
| 11 | 87 | 90 | 92 | 92 | 94 | 90 | 93 | 89 | 92 | 88 | 89 | 85 | 85 | 85 | 85 | 84 | 87 | 86 | 87 | 87 | 89 | 88 | 88 | 87 | 87 | 88·3 |
| 12 | 87 | 89 | 88 | 87 | 89 | 86 | 87 | 89 | 89 | 86 | 82 | 87 | 85 | 83 | 82 | 84 | 85 | 86 | 89 | 88 | 88 | 91 | 89 | 86 | 83 | 86·7 |
| 13 | 83 | 85 | 83 | 86 | 84 | 81 | 82 | 82 | 80 | 82 | 85 | 91 | 96 | 91 | 90 | 88 | 90 | 90 | 89 | 92 | 90 | 92 | 95 | 96 | 98 | 87·9 |
| 14 | 98 | 98 | 98 | 96 | 98 | 96 | 99 | 96 | 97 | 96 | 94 | 90 | 83 | 79 | 78 | 80 | 81 | 86 | 91 | 90 | 94 | 95 | 95 | 93 | 96 | 91·7 |
| 15 | 96 | 93 | 92 | 93 | 94 | 93 | 94 | 93 | 90 | 88 | 90 | 90 | 87 | 82 | 82 | 78 | 85 | 86 | 89 | 88 | 91 | 91 | 91 | 92 | 96 | 89·5 |
| 16 | 96 | 96 | 95 | 95 | 94 | 93 | 94 | 90 | 91 | 87 | 80 | 78 | 79 | 78 | 75 | 75 | 75 | 84 | 86 | 89 | 91 | 93 | 95 | 97 | 97 | 87·8 |
| 17 | 97 | 95 | 96 | 94 | 92 | 92 | 94 | 95 | 89 | 85 | 78 | 78 | 84 | 76 | 86 | 91 | 95 | 87 | 90 | 94 | 95 | 94 | 91 | 94 | 91 | 89·8 |
| 18 | 91 | 88 | 90 | 90 | 91 | 89 | 90 | 89 | 85 | 86 | 80 | 75 | 68 | 70 | 71 | 74 | 78 | 79 | 78 | 78 | 77 | 78 | 79 | 80 | 82 | 81·2 |
| 19 | 82 | 83 | 82 | 81 | 80 | 77 | 78 | 76 | 76 | 80 | 79 | 78 | 78 | 81 | 85 | 91 | 90 | 89 | 83 | 86 | 90 | 89 | 91 | 88 | 90 | 83·2 |
| 20 | 90 | 92 | 90 | 89 | 91 | 89 | 90 | 90 | 92 | 90 | 87 | 79 | 82 | 84 | 84 | 88 | 94 | 94 | 95 | 96 | 93 | 91 | 91 | 92 | 89 | 89·7 |
| 21 | 95 | 94 | 95 | 94 | 93 | 91 | 89 | 90 | 88 | 81 | 81 | 77 | 75 | 73 | 71 | 70 | 73 | 75 | 77 | 76 | 78 | 80 | 81 | 81 | 80 | 82·1 |
| 22 | 95 | 94 | 95 | 94 | 93 | 91 | 89 | 90 | 88 | 81 | 81 | 77 | 75 | 73 | 71 | 70 | 73 | 75 | 77 | 76 | 78 | 80 | 81 | 81 | 80 | 87·7 |
| 23 | 80 | 81 | 81 | 79 | 79 | 77 | 76 | 77 | 77 | 75 | 73 | 72 | 72 | 73 | 71 | 70 | 71 | 74 | 75 | 74 | 77 | 77 | 74 | 72 | 78 | 75·3 |
| 24 | 78 | 71 | 74 | 73 | 70 | 71 | 75 | 74 | 76 | 73 | 71 | 65 | 64 | 64 | 69 | 70 | 72 | 72 | 76 | 75 | 76 | 74 | 75 | 77 | 75 | 72·3 |
| 25 | 75 | 81 | 84 | 78 | 77 | 78 | 80 | 78 | 80 | 78 | 78 | 75 | 73 | 73 | 72 | 74 | 76 | 77 | 80 | 80 | 81 | 79 | 76 | 74 | 74 | 77·3 |
| 26 | 74 | 73 | 76 | 79 | 90 | 88 | 87 | 79 | 77 | 75 | 75 | 75 | 69 | 68 | 70 | 68 | 71 | 77 | 81 | 82 | 87 | 87 | 88 | 87 | 85 | 78·7 |
| 27 | 85 | 85 | 83 | 86 | 82 | 77 | 79 | 80 | 83 | 77 | 77 | 75 | 75 | 74 | 73 | 73 | 73 | 74 | 74 | 73 | 74 | 78 | 79 | 79 | 79 | 77·8 |
| 28 | 79 | 79 | 77 | 80 | 80 | 76 | 73 | 78 | 82 | 83 | 87 | 88 | 85 | 92 | 92 | 92 | 89 | 92 | 96 | 95 | 96 | 95 | 97 | 96 | 97 | 87·0 |
| 29 | 97 | 95 | 93 | 93 | 90 | 89 | 91 | 93 | 93 | 92 | 86 | 88 | 89 | 92 | 93 | 86 | 85 | 80 | 87 | 82 | 76 | 73 | 74 | 74 | 77 | 86·8 |
| 30 | 77 | 76 | 76 | 75 | 77 | 82 | 84 | 77 | 83 | 88 | 96 | 88 | 82 | 81 | 82 | 80 | 84 | 90 | 94 | 94 | 94 | 94 | 93 | 96 | 95 | 85·2 |
| 31 | 95 | 97 | 96 | 96 | 98 | 98 | 96 | 96 | 95 | 93 | 89 | 90 | 96 | 87 | 86 | 84 | 86 | 83 | 82 | 87 | 87 | 85 | 85 | 89 | 87 | 90·6 |
| Mean ... | 87·5 | 88·2 | 88·2 | 87·9 | 88·0 | 86·7 | 87·1 | 86·7 | 86·6 | 85·3 | 83·8 | 82·4 | 81·1 | 80·2 | 81·2 | 81·4 | 83·1 | 84·1 | 86·0 | 86·6 | 86·8 | 87·1 | 87·3 | 86·6 | 87·1 | 85·4 |
| Mean, 1886–1905. | 86·2 | 86·3 | 86·7 | 86·8 | 86·6 | 86·9 | 86·6 | 87·0 | 86·6 | 85·7 | 83·8 | 81·1 | 79·8 | 79·0 | 78·3 | 78·6 | 79·7 | 81·2 | 83·2 | 83·9 | 84·4 | 85·0 | 85·6 | 85·9 | 86·4 | 84·0 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. OCTOBER, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity.—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1 + \ldots + 23 + \frac{1}{2}(0 + 24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**ABERDEEN.** DAILY EXTREMES of PRESSURE and TEMPERATURE. OCTOBER, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·007 | 9·916 | 71·5 | 57·4 | 9 | 9·723 | 9·581 | 57·6 | 52·6 | 17 | 9·997 | 9·944 | 53·7 | 52·1 | 25 | 0·306 | 0·185 | 47·9 | **34·7** |
| 2 | 0·047 | 9·994 | 70·8 | 52·0 | 10 | 9·714 | **9·502** | 59·5 | 47·2 | 18 | 0·040 | 9·986 | 53·4 | 51·4 | 26 | 0·315 | 0·222 | 50·9 | 35·0 |
| 3 | 0·036 | 9·927 | **73·1** | 54·1 | 11 | 9·790 | 9·680 | 58·6 | 47·2 | 19 | 0·060 | 9·987 | 52·2 | 49·0 | 27 | 0·222 | 9·950 | 50·9 | 48·4 |
| 4 | 0·212 | 9·929 | 70·8 | 51·8 | 12 | 9·944 | 9·734 | 59·2 | 53·0 | 20 | 9·987 | 9·923 | 50·8 | 48·5 | 28 | 0·958 | 9·850 | 52·8 | 46·0 |
| 5 | 0·256 | 0·167 | 54·6 | 51·0 | 13 | 9·952 | 9·859 | 54·6 | 48·2 | 21 | 0·377 | 9·960 | 50·2 | 47·3 | 29 | 0·036 | 9·929 | 56·0 | 44·8 |
| 6 | 0·167 | 9·960 | 56·2 | 52·7 | 14 | 9·873 | 9·764 | 57·4 | 50·0 | 22 | **0·465** | 0·371 | 49·9 | 45·0 | 30 | 0·011 | 9·831 | 55·0 | 51·4 |
| 7 | 9·990 | 9·933 | 61·8 | 53·8 | 15 | 0·016 | 9·873 | 58·0 | 48·2 | 23 | 0·429 | 0·318 | 50·1 | 42·8 | 31 | 0·025 | 9·832 | 57·3 | 42·5 |
| 8 | 9·987 | 9·684 | 58·5 | 53·8 | 16 | 0·008 | 9·938 | 53·4 | 47·8 | 24 | 0·325 | 0·215 | 47·9 | 36·0 | Mean | — | — | 56·6 | 48·2 |

## TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. OCTOBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·933 | 9·924 | 9·931 | 9·925 | 9·924 | 9·917 | 9·928 | 9·944 | 9·941 | 9·939 | 9·945 | 9·945 | 9·952 | 9·941 | 9·943 | 9·957 | 9·953 | 9·962 | 0·976 | 9·994 | 0·000 | 0·000 | 0·004 | 9·999 | 0·001 | 9·955 |
| 2 | 0·001 | 9·996 | 0·001 | 0·007 | 0·004 | 0·012 | 0·014 | 0·032 | 0·034 | 0·037 | 0·041 | 0·030 | 0·038 | 0·038 | 0·030 | 0·030 | 0·029 | 0·028 | 0·036 | 0·031 | 0·033 | 0·037 | 0·040 | 0·034 | 0·036 | 0·026 |
| 3 | 0·036 | 0·026 | 0·023 | 0·008 | 0·005 | 9·999 | 0·002 | 0·010 | 0·016 | 0·012 | 0·006 | 9·994 | 9·992 | 9·966 | 9·950 | 9·940 | 9·931 | 9·927 | 9·934 | 9·936 | 9·939 | 9·943 | 9·945 | 9·947 | 9·947 | 9·977 |
| 4 | 9·947 | 9·944 | 9·939 | 9·942 | 9·940 | 9·936 | 9·938 | 9·960 | 9·982 | 9·986 | 9·991 | 0·005 | 0·014 | 0·025 | 0·018 | 0·075 | 0·097 | 0·119 | 0·139 | 0·166 | 0·182 | 0·190 | 0·200 | 0·207 | 0·211 | 0·046 |
| 5 | 0·211 | 0·212 | 0·214 | 0·218 | 0·224 | 0·225 | 0·231 | 0·242 | 0·255 | 0·250 | 0·255 | 0·254 | 0·251 | 0·252 | 0·238 | 0·224 | 0·217 | 0·202 | 0·208 | 0·205 | 0·199 | 0·194 | 0·187 | 0·169 | 0·167 | 0·221 |
| 6 | 0·167 | 0·163 | 0·146 | 0·127 | 0·109 | 0·089 | 0·081 | 0·082 | 0·085 | 0·082 | 0·083 | 0·076 | 0·069 | 0·061 | 0·057 | 0·037 | 0·034 | 0·018 | 0·014 | 0·006 | 9·998 | 9·992 | 9·986 | 9·981 | 9·960 | 0·060 |
| 7 | 9·960 | 9·966 | 9·957 | 9·949 | 9·942 | 9·940 | 9·944 | 9·941 | 9·959 | 9·965 | 9·959 | 9·962 | 9·964 | 9·961 | 9·947 | 9·941 | 9·948 | 9·949 | 9·960 | 9·975 | 9·972 | 9·978 | 9·987 | 9·985 | 9·987 | 9·959 |
| 8 | 9·987 | 9·982 | 9·976 | 9·967 | 9·961 | 9·957 | 9·956 | 9·947 | 9·940 | 9·936 | 9·927 | 9·915 | 9·897 | 9·875 | 9·847 | 9·828 | 9·807 | 9·791 | 9·789 | 9·768 | 9·756 | 9·748 | 9·729 | 9·709 | 9·684 | 9·868 |
| 9 | 9·684 | 9·660 | 9·641 | 9·644 | 9·634 | 9·637 | 9·665 | 9·673 | 9·701 | 9·711 | 9·719 | 9·710 | 9·711 | 9·694 | 9·679 | 9·673 | 9·654 | 9·655 | 9·650 | 9·642 | 9·640 | 9·620 | 9·607 | 9·588 | 9·581 | 9·666 |
| 10 | 9·581 | 9·566 | 9·539 | 9·526 | 9·519 | 9·502 | 9·519 | 9·522 | 9·529 | 9·523 | 9·516 | 9·518 | 9·517 | 9·508 | 9·519 | 9·532 | 9·548 | 9·570 | 9·606 | 9·624 | 9·654 | 9·676 | 9·693 | 9·710 | 9·709 | 9·566 |
| 11 | 9·709 | 9·704 | 9·703 | 9·687 | 9·680 | 9·697 | 9·702 | 9·715 | 9·753 | 9·765 | 9·759 | 9·756 | 9·776 | 9·780 | 9·779 | 9·786 | 9·778 | 9·776 | 9·773 | 9·772 | 9·773 | 9·762 | 9·748 | 9·748 | 9·747 | 9·746 |
| 12 | 9·747 | 9·747 | 9·746 | 9·740 | 9·755 | 9·757 | 9·763 | 9·775 | 9·801 | 9·802 | 9·803 | 9·813 | 9·806 | 9·819 | 9·828 | 9·822 | 9·843 | 9·867 | 9·876 | 9·903 | 9·926 | 9·931 | 9·937 | 9·937 | 9·819 | |
| 13 | 9·937 | 9·939 | 9·945 | 9·941 | 9·941 | 9·943 | 9·946 | 9·948 | 9·949 | 9·945 | 9·936 | 9·930 | 9·919 | 9·912 | 9·899 | 9·885 | 9·880 | 9·889 | 9·895 | 9·893 | 9·892 | 9·884 | 9·880 | 9·867 | 9·859 | 9·915 |
| 14 | 9·859 | 9·844 | 9·826 | 9·807 | 9·802 | 9·788 | 9·792 | 9·784 | 9·780 | 9·779 | 9·776 | 9·773 | 9·773 | 9·770 | 9·765 | 9·764 | 9·774 | 9·777 | 9·801 | 9·822 | 9·834 | 9·846 | 9·848 | 9·861 | 9·873 | 9·802 |
| 15 | 9·873 | 9·882 | 9·889 | 9·890 | 9·901 | 9·921 | 9·933 | 9·951 | 9·966 | 9·968 | 9·975 | 9·984 | 9·980 | 0·976 | 9·981 | 9·989 | 9·989 | 9·991 | 0·006 | 0·007 | 0·012 | 0·016 | 0·014 | 0·008 | 0·008 | 9·965 |
| 16 | 0·008 | 0·004 | 9·994 | 9·989 | 9·982 | 9·982 | 9·981 | 9·981 | 9·983 | 9·983 | 9·990 | 9·980 | 9·968 | 9·961 | 9·953 | 9·946 | 9·941 | 9·939 | 9·945 | 9·950 | 9·943 | 9·946 | 9·947 | 9·942 | 9·953 | 9·967 |
| 17 | 9·953 | 9·951 | 9·950 | 9·948 | 9·947 | 9·951 | 9·953 | 9·966 | 9·975 | 9·982 | 9·986 | 9·984 | 9·981 | 9·976 | 9·974 | 9·974 | 9·973 | 9·979 | 9·986 | 9·986 | 9·996 | 9·995 | 9·996 | 9·995 | 9·995 | 9·974 |
| 18 | 9·995 | 9·993 | 9·994 | 9·993 | 9·990 | 9·988 | 9·996 | 9·998 | 0·011 | 0·020 | 0·021 | 0·024 | 0·024 | 0·020 | 0·016 | 0·010 | 0·008 | 0·019 | 0·028 | 0·028 | 0·024 | 0·032 | 0·035 | 0·034 | 0·040 | 0·013 |
| 19 | 0·040 | 0·033 | 0·027 | 0·024 | 0·027 | 0·028 | 0·031 | 0·044 | 0·052 | 0·059 | 0·054 | 0·053 | 0·052 | 0·045 | 0·050 | 0·037 | 0·041 | 0·033 | 0·040 | 0·034 | 0·023 | 0·014 | 0·010 | 9·999 | 9·987 | 0·034 |
| 20 | 9·987 | 9·979 | 9·953 | 9·945 | 9·949 | 9·942 | 9·944 | 9·944 | 9·950 | 9·951 | 9·954 | 9·952 | 9·947 | 9·941 | 9·932 | 9·929 | 9·928 | 9·931 | 9·934 | 9·937 | 9·937 | 9·944 | 9·952 | 9·958 | 9·960 | 9·946 |
| 21 | 9·960 | 9·971 | 9·983 | 9·987 | 9·997 | 0·009 | 0·041 | 0·056 | 0·089 | 0·110 | 0·126 | 0·148 | 0·172 | 0·188 | 0·209 | 0·218 | 0·236 | 0·264 | 0·293 | 0·313 | 0·321 | 0·350 | 0·350 | 0·366 | 0·377 | 0·165 |
| 22 | 0·377 | 0·371 | 0·373 | 0·372 | 0·380 | 0·396 | 0·419 | 0·430 | 0·444 | 0·450 | 0·456 | 0·461 | 0·465 | 0·462 | 0·448 | 0·444 | 0·441 | 0·437 | 0·440 | 0·438 | 0·443 | 0·444 | 0·451 | 0·440 | 0·429 | 0·429 |
| 23 | 0·429 | 0·424 | 0·404 | 0·396 | 0·395 | 0·391 | 0·391 | 0·393 | 0·399 | 0·396 | 0·397 | 0·388 | 0·374 | 0·366 | 0·357 | 0·337 | 0·332 | 0·331 | 0·329 | 0·324 | 0·328 | 0·320 | 0·323 | 0·318 | 0·321 | 0·366 |
| 24 | 0·321 | 0·322 | 0·319 | 0·303 | 0·299 | 0·304 | 0·301 | 0·306 | 0·307 | 0·302 | 0·308 | 0·302 | 0·295 | 0·286 | 0·270 | 0·256 | 0·245 | 0·245 | 0·250 | 0·241 | 0·238 | 0·241 | 0·236 | 0·226 | 0·215 | 0·278 |
| 25 | 0·215 | 0·209 | 0·206 | 0·195 | 0·193 | 0·185 | 0·203 | 0·203 | 0·209 | 0·214 | 0·222 | 0·227 | 0·219

ABERDEEN. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.)

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 19 | 7 | 19 | 6 | 19 | 5 | 19 | 5 | 20 | 7 | 21 | 4 | 29 | 4 | 20 | 9 | 19 | 12 | 20 | 9 | 20 | 9 | 20 | 7 |
| 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 19 | 7 |
| 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 1 | — | 2 | — | 2 | 19 | 4 |
| 4 | 24 | 4 | 24 | 4 | 25 | 4 | — | 3 | 26 | 4 | 26 | 6 | 27 | 4 | — | 3 | — | 3 | — | 2 | 27 | 7 | 26 | 9 |
| 5 | — | 1 | — | 1 | — | 3 | 5 | 4 | 8 | 5 | 12 | 7 | 12 | 7 | 12 | 7 | 13 | 7 | 15 | 7 | 15 | 9 | 15 | 9 |
| 6 | 15 | 10 | 16 | 10 | 15 | 10 | 15 | 10 | 15 | 9 | 15 | 9 | 15 | 7 | 15 | 10 | 15 | 12 | 15 | 10 | 16 | 9 | 16 | 10 |
| 7 | 18 | 6 | — | 3 | — | 2 | 18 | 4 | 17 | 4 | 17 | 4 | 19 | 7 | — | 2 | — | 3 | 18 | 5 | 17 | 4 | 12 | 5 |
| 8 | — | 1 | — | 3 | — | 3 | 18 | 4 | — | 3 | — | 3 | 18 | 4 | — | 3 | 16 | 6 | 15 | 5 | 16 | 5 | 16 | 4 |
| 9 | 17 | 8 | 16 | 10 | 16 | 10 | 15 | 10 | 16 | 8 | 17 | 6 | 18 | 6 | — | 3 | 19 | 5 | 19 | 6 | 19 | 6 | 18 | 6 |
| 10 | 16 | 12 | 18 | 14 | 16 | 12 | 17 | 12 | 17 | 12 | 16 | 5 | 16 | 8 | 15 | 9 | 17 | 11 | 16 | 13 | 16 | 12 | 19 | 10 |
| 11 | 18 | 7 | 16 | 6 | 17 | 8 | 18 | 10 | 18 | 9 | 18 | 10 | 18 | 15 | 19 | 13 | 19 | 12 | 18 | 16 | 19 | 17 | 18 | 15 |
| 12 | 18 | 11 | 19 | 12 | 18 | 13 | 18 | 11 | 17 | 13 | 17 | 10 | 16 | 10 | 18 | 10 | 17 | 6 | 17 | 9 | 18 | 12 | 15 | 12 |
| 13 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | 20 | 4 | 19 | 4 | 16 | 8 | 15 | 7 | 15 | 11 |
| 14 | 16 | 4 | 16 | 7 | 16 | 4 | 17 | 6 | 17 | 4 | 17 | 6 | 16 | 8 | 17 | 7 | 17 | 7 | 16 | 7 | 15 | 7 | 17 | 8 |
| 15 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 20 | 7 | 22 | 5 | 23 | 6 | 25 | 5 | 25 | 4 | 27 | 4 |
| 16 | — | 0 | — | 2 | — | 2 | — | 2 | — | 0 | — | 2 | — | 0 | — | 3 | 12 | 6 | 13 | 7 | 13 | 7 | 14 | 8 |
| 17 | 14 | 9 | 14 | 10 | 14 | 7 | 14 | 10 | 14 | 8 | 14 | 10 | 13 | 6 | 13 | 10 | 13 | 9 | 12 | 10 | 12 | 12 | 12 | 15 |
| 18 | 12 | 15 | 13 | 14 | 13 | 10 | 12 | 12 | 12 | 11 | 12 | 12 | 12 | 13 | 12 | 12 | 13 | 12 | 13 | 12 | 13 | 12 | 13 | 12 |
| 19 | 13 | 15 | 13 | 18 | 13 | 18 | 13 | 18 | 13 | 18 | 13 | 18 | 13 | 19 | 13 | 20 | 13 | 17 | 13 | 19 | 13 | 20 | 13 | 20 |
| 20 | 13 | 19 | 13 | 21 | 13 | 22 | 13 | 18 | 13 | 22 | 13 | 21 | 13 | 22 | 14 | 20 | 14 | 21 | 13 | 21 | 13 | 21 | 13 | 21 |
| 21 | 14 | 18 | 13 | 17 | 13 | 18 | 14 | 18 | 13 | 18 | 14 | 15 | 14 | 15 | 14 | 17 | 14 | 15 | 14 | 17 | 14 | 17 | 14 | 14 |
| 22 | 15 | 12 | 15 | 12 | 15 | 11 | 15 | 11 | 16 | 9 | 15 | 10 | 15 | 7 | 15 | 11 | 16 | 8 | 18 | 7 | 17 | 6 | 19 | 5 |
| 23 | 17 | 4 | 18 | 4 | — | 3 | — | 2 | — | 2 | 17 | 4 | 16 | 4 | 16 | 4 | 16 | 4 | 16 | 5 | 16 | 7 | 17 | 7 |
| 24 | — | 2 | 23 | 4 | 24 | 4 | 25 | 4 | — | 3 | — | 2 | 25 | 4 | 25 | 4 | 13 | 7 | 13 | 12 | 12 | 12 | 12 | 12 |
| 25 | 25 | 7 | 25 | 7 | 25 | 4 | 25 | 6 | 25 | 4 | 25 | 6 | 25 | 6 | 25 | 6 | 25 | 6 | 25 | 6 | 25 | 4 | — | 1 |
| 26 | 26 | 9 | 27 | 10 | 27 | 9 | 27 | 11 | 28 | 10 | 28 | 8 | 28 | 7 | 5 | 10 | 8 | 15 | 8 | 15 | 8 | 22 | 8 | 21 |
| 27 | 9 | 13 | 8 | 17 | 9 | 13 | 9 | 13 | 9 | 15 | 9 | 15 | 8 | 15 | 9 | 15 | 9 | 15 | 8 | 15 | 10 | 16 | 10 | 18 |
| 28 | 9 | 12 | 9 | 13 | 8 | 17 | 9 | 12 | 9 | 11 | 12 | 7 | 12 | 5 | — | 3 | — | 3 | 17 | 4 | 18 | 4 | 19 | 4 |
| 29 | 19 | 4 | — | 2 | 19 | 4 | 18 | 4 | 18 | 4 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 |
| 30 | — | 3 | 16 | 5 | 15 | 5 | 15 | 6 | 14 | 4 | 14 | 5 | 14 | 4 | 14 | 4 | 14 | 5 | 12 | 4 | 14 | 7 | 14 | 10 |
| 31 | 16 | 4 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 16 | 4 | 16 | 4 | — | 2 | — | 3 | — | 3 |
| Mean ... | — | 7 | — | 8 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | — | 8 | — | 8 | — | 9 | — | 9 | — | 9 |
| Mean, 1881–1905. | — | 8·9 | — | 8·9 | — | 8·7 | — | 8·7 | — | 8·7 | — | 8·7 | — | 8·9 | — | 9·2 | — | 9·6 | — | 10·2 | — | 10·6 | — | 10·9 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

ABERDEEN. TABLE IV.—Rainfall in English Inches. OCTOBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | ·02 |
| 18 | — | ·02 | ·01 | — | — | ·01 | ·03 | ·05 | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | ·01 | ·01 | ·02 | ·17 |
| 19 | ·01 | ·05 | ·02 | ·03 | ·02 | ·01 | ·03 | ·02 | ·06 | ·03 | ·04 | ·04 | ·01 | ·03 | ·03 | ·02 | ·02 | ·06 | ·08 | ·08 | ·09 | ·14 | ·20 | ·10 | 1·22 |
| 20 | ·11 | ·13 | ·12 | ·14 | ·08 | ·04 | ·04 | ·03 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·71 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | ·01 | — | ·01 | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | ·03 |
| 27 | — | — | — | — | — | — | — | ·01 | ·01 | — | — | ·01 | ·01 | — | ·01 | ·02 | ·06 | ·02 | ·01 | — | — | ·01 | — | ·01 | ·18 |
| 28 | — | — | — | — | — | ·04 | ·04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·08 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | ·02 | ·04 | ·03 | ·05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·15 |
| Sum ... | ·12 | ·22 | ·16 | ·17 | ·11 | ·12 | ·19 | ·14 | ·15 | ·03 | ·04 | ·05 | ·02 | ·03 | ·04 | ·04 | ·08 | ·09 | ·10 | ·08 | ·09 | ·16 | ·22 | ·15 | 2·60 |
| Average 1871–1905. | ·098 | ·118 | ·132 | ·146 | ·143 | ·151 | ·153 | ·145 | ·152 | ·151 | ·111 | ·112 | ·127 | ·123 | ·097 | ·100 | ·115 | ·121 | ·124 | ·124 | ·127 | ·097 | ·105 | ·109 | 2·981 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. OCTOBER, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 17 | 10 | 18 | 9 | 7 | 6 | 14 | 5 | 15 | 5 | 17 | 7 | 18 | 4 | — | 3 | 18 | 4 | 18 | 4 | — | 2 | — | 2 | 6 | 1 |
| 2 | 16 | 6 | 17 | 6 | 11 | 4 | — | 3 | 11 | 4 | — | 3 | — | 3 | 16 | 5 | 16 | 4 | 17 | 4 | 18 | 4 | — | 3 | 3 | 2 |
| 3 | 19 | 4 | 18 | 4 | 18 | 4 | 17 | 4 | — | 2 | — | 2 | — | 2 | 23 | 4 | 24 | 4 | 24 | 4 | 23 | 4 | 23 | 4 | 3 | 3 |
| 4 | 3 | 9 | 5 | 9 | 3 | 7 | 3 | 8 | 1 | 5 | 2 | 4 | 2 | 5 | 1 | 4 | 1 | 4 | — | 2 | — | 2 | — | 2 | 5 | 4 |
| 5 | 15 | 7 | 15 | 9 | 16 | 9 | 15 | 9 | 16 | 8 | 16 | 7 | 15 | 7 | 15 | 10 | 15 | 9 | 15 | 9 | 15 | 10 | 15 | 11 | 7 | 5 |
| 6 | 18 | 8 | 17 | 7 | 15 | 5 | 18 | 8 | 16 | 7 | 16 | 7 | 16 | 6 | — | 3 | 16 | 4 | 19 | 5 | 18 | 7 | — | 2 | 8 | 6 |
| 7 | 13 | 6 | 16 | 4 | 16 | 7 | 18 | 5 | 17 | 5 | 18 | 5 | 18 | 4 | — | 3 | 18 | 4 | 18 | 4 | 18 | 4 | — | 2 | 4 | 7 |
| 8 | 14 | 5 | 14 | 7 | 15 | 7 | 15 | 6 | 16 | 9 | 15 | 8 | 15 | 4 | 15 | 5 | 15 | 7 | 18 | 9 | 16 | 10 | 15 | 10 | 5 | 8 |
| 9 | 18 | 10 | 19 | 10 | 18 | 6 | 17 | 9 | 17 | 7 | 17 | 7 | 18 | 8 | 17 | 7 | 17 | 9 | 17 | 10 | 16 | 10 | 17 | 9 | 8 | 9 |
| 10 | 19 | 12 | 19 | 13 | 20 | 12 | 20 | 14 | 21 | 9 | 20 | 5 | 19 | 10 | 19 | 7 | 18 | 8 | 16 | 11 | 15 | 10 | 16 | 12 | 12 | 11 |
| 11 | 18 | 15 | 19 | 15 | 18 | 15 | 18 | 12 | 17 | 12 | 18 | 13 | 17 | 10 | 20 | 7 | 18 | 8 | 16 | 11 | 15 | 10 | 16 | 12 | 12 | 11 |
| 12 | 18 | 12 | 16 | 11 | 17 | 8 | 18 | 5 | — | 2 | 15 | 4 | 19 | 6 | 17 | 6 | 20 | 4 | 18 | 7 | 18 | 7 | 20 | 5 | 9 | 12 |
| 13 | 16 | 8 | 15 | 8 | 17 | 9 | 16 | 7 | 16 | 5 | — | 3 | 18 | 4 | 16 | 7 | 15 | 6 | 17 | 5 | 17 | 5 | 15 | 7 | 5 | 13 |
| 14 | 15 | 9 | 16 | 9 | 15 | 5 | 15 | 4 | 16 | 7 | 18 | 5 | 18 | 5 | 18 | 7 | 20 | 4 | 20 | 5 | 20 | 4 | — | 3 | 6 | 14 |
| 15 | 5 | 5 | 6 | 5 | 6 | 4 | — | 2 | — | 3 | — | 1 | — | 2 | — | 3 | — | 1 | — | 2 | — | 1 | — | 1 | 3 | 15 |
| 16 | 14 | 9 | 14 | 10 | 14 | 10 | 14 | 8 | 15 | 7 | 15 | 5 | 15 | 6 | 14 | 9 | 14 | 10 | 14 | 9 | 14 | 9 | 14 | 9 | 6 | 16 |
| 17 | 12 | 15 | 12 | 14 | 13 | 15 | 13 | 15 | 12 | 15 | 12 | 14 | 13 | 15 | 13 | 18 | 12 | 15 | 12 | 16 | 12 | 14 | 12 | 17 | 12 | 17 |
| 18 | 14 | 15 | 13 | 15 | 13 | 15 | 13 | 15 | 13 | 18 | 13 | 15 | 13 | 16 | 13 | 16 | 13 | 18 | 13 | 17 | 13 | 16 | 13 | 16 | 14 | 18 |
| 19 | 13 | 21 | 13 | 20 | 13 | 18 | 13 | 15 | 13 | 21 | 13 | 18 | 13 | 19 | 13 | 22 | 13 | 20 | 14 | 18 | 13 | 18 | 13 | 17 | 19 | 19 |
| 20 | 13 | 21 | 13 | 21 | 14 | 19 | 13 | 19 | 14 | 19 | 14 | 19 | 13 | 20 | 14 | 20 | 14 | 19 | 14 | 16 | 14 | 15 | 14 | 18 | 20 | 20 |
| 21 | 14 | 14 | 14 | 13 | 15 | 13 | 14 | 11 | 15 | 10 | 15 | 9 | 14 | 10 | 14 | 10 | 15 | 12 | 15 | 13 | 15 | 12 | 14 | 12 | 14 | 21 |
| 22 | 19 | 7 | 18 | 7 | 15 | 7 | 18 | 7 | 17 | 5 | 17 | 5 | 18 | 4 | 18 | 4 | 18 | 5 | 18 | 4 | 18 | 4 | 18 | 4 | 7 | 22 |
| 23 | 17 | 10 | 18 | 7 | 16 | 5 | 16 | 5 | 17 | 4 | 19 | 4 | 20 | 4 | 20 | 4 | 20 | 4 | — | 3 | — | 3 | — | 3 | 4 | 23 |
| 24 | 12 | 11 | 12 | 8 | 13 | 7 | 13 | 4 | 13 | 4 | 13 | 4 | 13 | 7 | 13 | 12 | 12 | 7 | — | 3 | — | 2 | — | 3 | 6 | 24 |
| 25 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | 26 | 4 | 26 | 6 | 26 | 5 | 26 | 7 | 26 | 7 | 26 | 7 | 26 | 8 | 5 | 25 |
| 26 | 8 | 21 | 7 | 18 | 7 | 18 | 7 | 17 | 8 | 16 | 8 | 17 | 9 | 14 | 8 | 13 | 8 | 16 | 10 | 15 | 9 | 12 | 10 | 12 | 14 | 26 |
| 27 | 9 | 17 | 9 | 16 | 10 | 17 | 10 | 18 | 10 | 15 | 10 | 16 | 10 | 15 | 10 | 16 | 11 | 16 | 10 | 14 | 10 | 12 | 10 | 12 | 15 | 27 |
| 28 | 19 | 4 | 19 | 4 | 19 | 5 | 19 | 5 | 19 | 5 | 17 | 4 | 17 | 4 | 18 | 4 | 18 | 5 | — | 2 | 20 | 5 | 20 | 4 | 6 | 28 |
| 29 | — | 2 | — | 1 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | 19 | 4 | — | 2 | — | 2 | 17 | 4 | 16 | 4 | 3 | 29 |
| 30 | 14 | 8 | 14 | 10 | 13 | 12 | 13 | 12 | 13 | 7 | 13 | 5 | 14 | 5 | 14 | 10 | 15 | 9 | 15 | 5 | 16 | 4 | 16 | 4 | 6 | 30 |
| 31 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | 3 | 31 |
| | — | 10 | — | 10 | — | 9 | — | 8 | — | 8 | — | 7 | — | 7 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | 8 | |
| | — | 10·8 | — | 10·6 | — | 10·1 | — | 9·2 | — | 8·7 | — | 8·5 | — | 8·4 | — | 8·6 | — | 8·6 | — | 8·6 | — | 8·8 | — | 8·9 | 9·2 | Mean, 1881–1905. |

ABERDEEN. TABLE V.—Duration of Bright Sunshine in Hours. OCTOBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·2 | ·2 | ·1 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | 7·4 | ☀; very fine and warm. |
| 2 | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | ·1 | — | — | — | — | 6·4 | ☀ and ≋ early; very fine; ⊕ at 15h. |
| 3 | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | 9·0 | [day with ☁. ☀ and ≋ morning and evening; sunny |
| 4 | — | — | — | ·3 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | — | 6·8 | ☀ and ≋ early; fine till 14h., then |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. [overcast. |
| 6 | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | 0·1 | Dull to cloudy. |
| 7 | — | — | — | — | — | ·1 | 1·0 | ·8 | ·1 | — | ·1 | ·7 | — | — | — | — | — | 2·8 | ●☀ early, then clear to overcast; ≋☀ at times. |
| 8 | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | 0·2 | ≋☀; dull to cloudy. |
| 9 | — | — | — | — | — | — | — | — | ·2 | ·3 | ·2 | ·8 | ·2 | — | — | — | — | 1·7 | A.M. dull, P.M. brighter; ⊕ at 14h. |
| 10 | — | — | — | — | — | — | — | — | ·3 | ·2 | ·8 | ·2 | — | — | — | — | — | 7·1 | Bright and fine on the whole during day; |
| 11 | — | — | — | — | ·5 | 1·0 | ·9 | ·3 | 1·0 | ·9 | ·1 | 1·0 | ·9 | ·5 | — | — | — | — | Overcast all day. [cloudy at night. |
| 12 | — | — | — | — | — | — | — | ·2 | ·1 | — | — | ·3 | — | — | — | — | — | 0·6 | Cloudy day, clearing in evening. |
| 13 | — | — | — | — | — | — | — | — | — | ·2 | 1·0 | ·3 | — | — | — | — | — | 1·5 | [evening. ☀, ≋☀, cloudy and dull to fine; ≋☀ in |
| 14 | — | — | — | — | — | — | — | — | — | ·3 | ·6 | ·2 | — | — | — | — | — | 2·9 | ≋☀ early, then cloudy to clear alternately. |
| 15 | — | — | — | — | ·1 | ·3 | 1·0 | ·4 | ·3 | ·6 | ·2 | — | — | — | — | — | — | 2·3 | ☀, bright till 16h.; ≋☀ in evening. |
| 16 | — | — | — | — | ·6 | 1·0 | 1·0 | ·8 | ·9 | ·9 | 1·0 | ·9 | ·2 | — | — | — | — | 7·3 | ●☀ early; ≋☀ all day, lifting about 19h. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●☀ about midnight. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty, with ● showers. |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet, squally day; ●☀ at times. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, squally at times; ● till about |
| 21 | — | — | — | — | — | — | — | ·2 | ·1 | ·2 | ·2 | ·1 | — | — | — | — | — | 0·8 | Dull to cloudy. [10h. |
| 22 | — | — | — | — | — | — | — | — | — | ·1 | 1·0 | ·7 | — | — | — | — | — | 1·8 | Dull to fine; ⊕ at 16h.; cloudy evening. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 24 | — | — | — | — | — | — | — | — | ·2 | — | ·2 | ·5 | — | — | — | — | — | 0·9 | Cloudy generally. |
| 25 | — | — | — | — | — | ·9 | ·6 | 1·0 | ·8 | ·5 | — | — | — | — | — | — | — | 3·8 | Dull at first, then fine; cloudy in evening. |
| 26 | — | — | — | — | ·8 | 1·0 | ·6 | 1·0 | ·8 | ·7 | — | — | — | — | — | — | — | 4·9 | Fine day, but ∞ overhead; very clear |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day, and ●☀. [night. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ● P.M. |
| 29 | — | — | — | — | — | — | — | — | ·7 | 1·0 | 1·0 | ·4 | — | — | — | — | — | 3·1 | [cloudy after 19h. A.M. overcast, ● 6h.–7h.; P.M. fine to |
| 30 | — | — | — | — | ·8 | 1·0 | ·8 | ·7 | ·3 | ·2 | ·2 | — | — | — | — | — | — | 4·0 | Fine during day, but ☁; overcast later. |
| 31 | — | — | — | — | — | — | — | ·3 | 1·0 | 1·0 | ·7 | — | — | — | — | — | — | 3·0 | ≋, dull to fine. |
| | — | — | — | 0·5 | 3·4 | 6·1 | 8·9 | 10·1 | 10·2 | 11·8 | 11·9 | 12·2 | 4·1 | 0·8 | — | — | — | 80·0 | Overcast, and ● to fine, then hazy and [close; Ψ between 18h. and 21h. |
| | — | — | — | 0·65 | 5·07 | 10·49 | 12·17 | 12·25 | 12·48 | 12·65 | 11·87 | 9·85 | 6·04 | 1·06 | — | — | — | 94·59 | Total. |
| | | | | | | | | | | | | | | | | | | | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. OCTOBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61·2 | 62·0 | 61·2 | 60·8 | 61·2 | 61·5 | 61·1 | 61·7 | 63·2 | 65·1 | 67·6 | 69·8 | 71·0 | 69·2 | 69·1 | 64·0 | 66·6 | 66·3 | 65·5 | 64·6 | 63·3 | 62·2 | 61·7 | 59·0 | 57·4 | 64·0 |
| 2 | 57·4 | 58·3 | 58·1 | 55·9 | 55·1 | 53·4 | 53·6 | 53·2 | 54·6 | 57·7 | 64·6 | 64·0 | 69·4 | 70·8 | 70·1 | 64·2 | 63·0 | 61·9 | 59·7 | 62·4 | 62·0 | 61·8 | 62·1 | 62·3 | 60·7 | 60·7 |
| 3 | 60·7 | 59·3 | 56·4 | 56·5 | 55·1 | 55·0 | 54·6 | 56·1 | 56·8 | 59·6 | 63·0 | 69·0 | 70·0 | 72·0 | 72·4 | 71·7 | 70·8 | 66·5 | 66·0 | 62·2 | 62·0 | 61·2 | 61·2 | 60·4 | 56·8 | 62·4 |
| 4 | 56·8 | 58·8 | 56·7 | 56·3 | 54·5 | 54·2 | 53·2 | 51·8 | 55·7 | 62·0 | 62·4 | 69·6 | 70·8 | 67·0 | 62·3 | 57·1 | 54·4 | 54·2 | 53·5 | 53·2 | 52·6 | 52·4 | 52·4 | 52·4 | 52·0 | 57·2 |
| 5 | 52·0 | 52·2 | 52·0 | 51·8 | 51·7 | 51·7 | 51·1 | 51·3 | 51·5 | 51·9 | 52·6 | 53·5 | 54·0 | 53·7 | 53·7 | 54·1 | 53·3 | 53·2 | 53·4 | 53·1 | 53·0 | 53·2 | 53·4 | 53·4 | 52·9 | 52·8 |
| 6 | 52·9 | 52·8 | 52·7 | 53·2 | 53·3 | 53·6 | 53·9 | 53·8 | 53·5 | 53·6 | 54·0 | 54·9 | 55·4 | 55·0 | 55·5 | 55·4 | 55·4 | 55·0 | 54·8 | 54·0 | 53·5 | 53·5 | 53·5 | 53·8 | 54·3 | 54·1 |
| 7 | 54·3 | 54·8 | 54·0 | 54·1 | 54·8 | 55·3 | 56·1 | 56·5 | 56·7 | 57·0 | 59·6 | 61·6 | 57·8 | 58·2 | 59·9 | 61·5 | 60·8 | 60·0 | 59·2 | 58·6 | 58·0 | 57·4 | 56·6 | 57·0 | 56·5 | 57·5 |
| 8 | 56·5 | 54·9 | 53·8 | 55·6 | 56·2 | 56·6 | 56·4 | 56·8 | 56·8 | 56·2 | 55·5 | 56·4 | 57·2 | 57·3 | 57·2 | 56·3 | 55·9 | 55·6 | 54·8 | 54·7 | 55·3 | 55·7 | 55·9 | 55·6 | 55·6 | 55·9 |
| 9 | 55·6 | 56·1 | 56·7 | 56·6 | 57·0 | 56·9 | 56·6 | 55·9 | 55·4 | 55·1 | 55·4 | 56·4 | 57·3 | 57·3 | 57·2 | 57·4 | 55·7 | 54·0 | 53·3 | 53·6 | 53·3 | 53·3 | 53·6 | 53·2 | 52·6 | 55·5 |
| 10 | 52·6 | 52·9 | 53·6 | 53·1 | 54·0 | 54·1 | 53·0 | 53·0 | 54·6 | 56·2 | 56·0 | 56·2 | 58·1 | 59·2 | 56·6 | 57·8 | 56·6 | 54·2 | 52·1 | 50·4 | 48·9 | 48·6 | 47·5 | 47·4 | 47·3 | 53·5 |
| 11 | 47·3 | 47·8 | 48·6 | 50·0 | 51·2 | 51·2 | 52·4 | 53·9 | 54·6 | 54·8 | 55·7 | 56·4 | 57·3 | 57·8 | 57·9 | 58·4 | 58·2 | 57·2 | 57·4 | 57·2 | 57·2 | 56·0 | 55·9 | 55·9 | 56·4 | 54·8 |
| 12 | 56·4 | 56·5 | 56·6 | 56·3 | 56·5 | 56·4 | 56·0 | 55·7 | 56·4 | 56·7 | 57·3 | 58·7 | 57·4 | 58·9 | 57·4 | 57·4 | 57·4 | 56·7 | 55·7 | 55·2 | 55·0 | 55·0 | 53·6 | 53·9 | 53·0 | 56·3 |
| 13 | 53·0 | 51·5 | 50·8 | 51·1 | 50·3 | 49·2 | 48·2 | 48·5 | 50·8 | 52·4 | 53·6 | 52·3 | 52·3 | 52·6 | 53·2 | 54·6 | 54·0 | 53·4 | 52·9 | 52·3 | 51·4 | 51·2 | 51·0 | 51·2 | 51·2 | 51·7 |
| 14 | 51·2 | 51·4 | 51·4 | 51·4 | 51·2 | 51·0 | 50·9 | 51·3 | 51·6 | 52·7 | 54·3 | 56·5 | 56·8 | 57·0 | 57·0 | 55·8 | 54·8 | 55·2 | 54·9 | 54·4 | 54·0 | 54·1 | 53·3 | 51·0 | 50·0 | 53·4 |
| 15 | 50·0 | 49·8 | 48·4 | 49·4 | 49·9 | 50·0 | 49·4 | 49·9 | 51·3 | 54·4 | 55·3 | 56·4 | 57·6 | 57·1 | 55·1 | 54·4 | 53·4 | 52·6 | 52·0 | 51·7 | 50·8 | 50·8 | 49·9 | 49·0 | 48·3 | 52·0 |
| 16 | 48·3 | 49·0 | 48·7 | 47·9 | 48·2 | 48·8 | 49·3 | 49·9 | 50·6 | 52·2 | 51·6 | 51·8 | 52·4 | 52·4 | 52·5 | 52·2 | 51·9 | 51·8 | 52·1 | 52·6 | 53·2 | 53·2 | 53·2 | 53·3 | 53·4 | 51·2 |
| 17 | 53·4 | 53·6 | 53·5 | 53·2 | 53·2 | 53·2 | 53·2 | 53·2 | 53·2 | 53·4 | 53·4 | 53·5 | 53·6 | 53·0 | 52·9 | 52·8 | 52·8 | 52·8 | 52·7 | 52·7 | 52·7 | 52·7 | 52·5 | 52·5 | 52·1 | 53·0 |
| 18 | 52·1 | 52·0 | 52·4 | 52·6 | 52·6 | 52·4 | 52·4 | 52·2 | 52·2 | 52·8 | 53·1 | 53·1 | 52·7 | 52·8 | 52·0 | 52·4 | 52·6 | 52·0 | 52·0 | 52·0 | 52·7 | 52·4 | 52·0 | 52·1 | 51·8 | 52·4 |
| 19 | 51·8 | 51·4 | 51·7 | 51·7 | 51·4 | 51·5 | 51·4 | 51·4 | 51·1 | 51·0 | 51·7 | 51·9 | 51·2 | 51·1 | 50·0 | 50·4 | 50·2 | 50·0 | 49·7 | 49·7 | 49·2 | 49·7 | 49·6 | 50·0 | 50·2 | 50·8 |
| 20 | 50·2 | 50·6 | 50·4 | 50·7 | 50·5 | 50·5 | 50·3 | 50·5 | 50·4 | 50·5 | 50·5 | 50·1 | 49·8 | 49·5 | 49·3 | 49·0 | 48·8 | 48·7 | 48·6 | 48·8 | 48·8 | 48·8 | 48·8 | 48·8 | 49·0 | 49·7 |
| 21 | 49·0 | 49·2 | 49·4 | 49·6 | 49·5 | 49·3 | 49·2 | 49·1 | 49·1 | 49·2 | 49·2 | 49·8 | 49·8 | 50·1 | 50·2 | 49·4 | 49·2 | 48·5 | 47·9 | 47·8 | 47·5 | 47·7 | 47·7 | 47·4 | 47·4 | 48·9 |
| 22 | 47·4 | 47·4 | 47·7 | 48·0 | 48·1 | 47·9 | 48·0 | 48·1 | 48·4 | 48·5 | 48·8 | 48·0 | 48·1 | 48·2 | 49·7 | 49·7 | 48·8 | 47·2 | 46·3 | 45·8 | 45·6 | 47·0 | 47·7 | 47·2 | 47·2 | 47·8 |
| 23 | 47·2 | 46·9 | 47·2 | 46·7 | 46·2 | 46·4 | 47·0 | 47·4 | 47·4 | 47·8 | 48·9 | 50·0 | 49·8 | 49·6 | 49·0 | 49·0 | 48·5 | 47·5 | 44·4 | 43·6 | 43·4 | 43·6 | 43·0 | 43·0 | 43·0 | 46·7 |
| 24 | 43·0 | 42·3 | 40·8 | 40·5 | 40·1 | 40·1 | 39·6 | 39·5 | 40·8 | 43·3 | 47·2 | 47·6 | 47·3 | 47·3 | 47·0 | 46·8 | 45·8 | 45·8 | 46·0 | 45·9 | 45·4 | 43·7 | 40·0 | 38·1 | 36·0 | 43·4 |
| 25 | 36·0 | 34·8 | 35·6 | 36·6 | 36·8 | 37·2 | 34·9 | 34·9 | 34·8 | 36·2 | 39·3 | 43·8 | 46·3 | 47·5 | 47·3 | 47·4 | 46·3 | 44·6 | 41·2 | 38·9 | 37·9 | 37·7 | 36·2 | 35·3 | 35·0 | 39·5 |
| 26 | 35·0 | 36·2 | 37·2 | 37·7 | 37·6 | 38·9 | 41·3 | 43·8 | 49·6 | 49·4 | 50·2 | 50·6 | 50·5 | 50·5 | 50·4 | 49·6 | 49·4 | 49·3 | 49·7 | 49·7 | 50·2 | 50·4 | 50·4 | 49·7 | 49·2 | 45·9 |
| 27 | 49·2 | 49·1 | 49·2 | 49·1 | 49·2 | 49·0 | 48·4 | 48·8 | 48·7 | 49·2 | 49·4 | 49·7 | 49·3 | 48·8 | 48·8 | 49·2 | 49·2 | 49·5 | 49·5 | 49·8 | 50·2 | 50·4 | 50·3 | 50·8 | 50·9 | 49·4 |
| 28 | 50·9 | 51·1 | 51·1 | 51·0 | 51·0 | 50·9 | 50·0 | 48·2 | 48·1 | 48·3 | 49·0 | 48·8 | 49·4 | 51·2 | 52·3 | 52·8 | 52·0 | 49·8 | 48·4 | 47·2 | 46·3 | 47·1 | 47·8 | 47·2 | 47·6 | 49·5 |
| 29 | 47·6 | 48·4 | 48·4 | 48·6 | 48·4 | 47·7 | 46·0 | 45·0 | 45·1 | 46·0 | 49·2 | 52·0 | 53·3 | 53·8 | 54·3 | 55·0 | 52·8 | 51·8 | 51·1 | 51·1 | 50·8 | 50·6 | 50·0 | 51·4 | 52·8 | 50·1 |
| 30 | 52·8 | 52·6 | 52·8 | 52·8 | 53·0 | 52·8 | 52·6 | 52·4 | 52·3 | 51·5 | 52·0 | 53·3 | 53·6 | 54·8 | 54·1 | 54·0 | 53·2 | 52·9 | 52·1 | 51·8 | 51·8 | 52·0 | 52·2 | 52·0 | 52·1 | 52·7 |
| 31 | 52·1 | 52·0 | 51·8 | 51·6 | 51·6 | 51·6 | 51·7 | 51·7 | 51·9 | 52·0 | 52·4 | 53·2 | 54·9 | 56·5 | 56·9 | 56·8 | 55·6 | 53·8 | 49·8 | 47·6 | 46·2 | 45·4 | 44·2 | 44·1 | 42·8 | 51·3 |
| Mean ... | 51·1 | 51·2 | 50·9 | 51·0 | 50·9 | 50·9 | 50·6 | 50·7 | 51·3 | 52·5 | 53·6 | 54·8 | 55·3 | 55·5 | 55·3 | 54·7 | 54·1 | 53·3 | 52·5 | 52·0 | 51·7 | 51·6 | 51·2 | 50·9 | 50·5 | 52·4 |
| Mean, 1871–1905. | 45·3 | 45·1 | 44·9 | 44·8 | 44·6 | 44·5 | 44·4 | 44·5 | 45·1 | 46·5 | 47·8 | 48·9 | 49·6 | 49·9 | 50·0 | 49·8 | 49·1 | 48·2 | 47·3 | 46·7 | 46·2 | 45·9 | 45·5 | 45·4 | 45·1 | 46·6 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). OCTOBER, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 88 | 82 | 83 | 84 | 83 | 77 | 78 | 76 | 73 | 76 | 70 | 67 | 61 | 69 | 70 | 77 | 79 | 78 | 77 | 80 | 83 | 88 | 88 | 89 | 92 | 93 | 78·4 |
| 2 | 93 | 92 | 90 | 93 | 90 | 93 | 94 | 93 | 89 | 88 | 79 | 79 | 67 | 65 | 70 | 73 | 80 | 84 | 87 | 88 | 90 | 89 | 86 | 82 | 87 | 84·7 |
| 3 | 87 | 90 | 91 | 89 | 93 | 92 | 93 | 91 | 87 | 89 | 84 | 64 | 70 | 65 | 64 | 63 | 66 | 76 | 78 | 85 | 81 | 82 | 81 | 78 | 86 | 80·8 |
| 4 | 86 | 79 | 83 | 83 | 84 | 86 | 83 | 85 | 85 | 71 | 71 | 62 | 61 | 73 | 80 | 84 | 85 | 81 | 79 | 80 | 77 | 78 | 78 | 78 | 79 | 78·7 |
| 5 | 79 | 78 | 78 | 77 | 77 | 78 | 82 | 82 | 82 | 82 | 83 | 79 | 79 | 78 | 79 | 79 | 80 | 82 | 85 | 85 | 89 | 90 | 89 | 89 | 91 | 82·0 |
| 6 | 91 | 92 | 93 | 92 | 91 | 90 | 90 | 90 | 90 | 90 | 87 | 85 | 83 | 81 | 81 | 85 | 86 | 87 | 88 | 90 | 90 | 90 | 90 | 90 | 91 | 88·3 |
| 7 | 89 | 88 | 90 | 91 | 92 | 92 | 89 | 88 | 88 | 89 | 83 | 80 | 86 | 87 | 84 | 81 | 83 | 83 | 85 | 88 | 88 | 89 | 89 | 88 | 91 | 87·2 |
| 8 | 91 | 93 | 93 | 92 | 90 | 88 | 93 | 92 | 94 | 91 | 90 | 89 | 87 | 87 | 87 | 86 | 89 | 88 | 92 | 93 | 90 | 90 | 90 | 92 | 93 | 90·3 |
| 9 | 93 | 92 | 89 | 90 | 90 | 90 | 86 | 82 | 83 | 82 | 82 | 72 | 71 | 69 | 63 | 67 | 76 | 76 | 81 | 77 | 73 | 72 | 74 | 79 | 83 | 79·4 |
| 10 | 83 | 86 | 78 | 83 | 76 | 77 | 81 | 84 | 85 | 81 | 81 | 82 | 67 | 62 | 60 | 57 | 57 | 63 | 69 | 68 | 70 | 70 | 78 | 78 | 78 | 73·9 |
| 11 | 78 | 82 | 82 | 81 | 80 | 83 | 81 | 78 | 77 | 77 | 74 | 73 | 71 | 71 | 69 | 67 | 67 | 71 | 71 | 72 | 73 | 79 | 80 | 80 | 77 | 75·7 |
| 12 | 77 | 74 | 73 | 73 | 72 | 73 | 75 | 75 | 74 | 75 | 72 | 71 | 80 | 71 | 82 | 83 | 83 | 84 | 87 | 87 | 87 | 85 | 88 | 86 | 86 | 78·9 |
| 13 | 86 | 89 | 91 | 91 | 94 | 96 | 95 | 95 | 97 | 95 | 91 | 96 | 95 | 95 | 93 | 89 | 92 | 93 | 94 | 95 | 100 | 100 | 99 | 100 | 99 | 94·5 |
| 14 | 99 | 99 | 100 | 100 | 99 | 99 | 99 | 100 | 99 | 96 | 94 | 90 | 86 | 86 | 85 | 88 | 92 | 90 | 92 | 91 | 90 | 88 | 90 | 94 | 94 | 93·5 |
| 15 | 94 | 93 | 94 | 94 | 94 | 94 | 94 | 93 | 91 | 86 | 86 | 84 | 80 | 82 | 90 | 92 | 94 | 96 | 98 | 97 | 99 | 99 | 99 | 100 | 99 | 92·7 |
| 16 | 99 | 99 | 98 | 98 | 98 | 98 | 98 | 98 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 97 | 96 | 94 | 94 | 92 | 98·4 |
| 17 | 92 | 93 | 95 | 96 | 93 | 93 | 93 | 95 | 96 | 96 | 94 | 94 | 93 | 94 | 95 | 94 | 94 | 93 | 94 | 94 | 93 | 92 | 94 | 95 | 92 | 94·0 |
| 18 | 97 | 98 | 96 | 96 | 96 | 99 | 99 | 100 | 100 | 97 | 94 | 94 | 96 | 95 | 94 | 98 | 95 | 97 | 96 | 97 | 91 | 93 | 93 | 94 | 96 | 96·0 |
| 19 | 96 | 97 | 94 | 93 | 94 | 90 | 90 | 93 | 93 | 93 | 88 | 87 | 91 | 90 | 91 | 91 | 92 | 93 | 94 | 91 | 93 | 91 | 93 | 94 | 96 | 92·2 |
| 20 | 96 | 92 | 92 | 90 | 90 | 89 | 87 | 87 | 88 | 86 | 85 | 85 | 82 | 83 | 80 | 78 | 79 | 76 | 76 | 75 | 74 | 75 | 74 | 77 | 77 | 82·8 |
| 21 | 77 | 74 | 73 | 75 | 74 | 72 | 70 | 69 | 70 | 70 | 69 | 69 | 71 | 73 | 70 | 73 | 74 | 73 | 73 | 72 | 73 | 72 | 73 | 72 | 73 | 72·0 |
| 22 | 72 | 72 | 73 | 70 | 72 | 72 | 71 | 71 | 69 | 72 | 73 | 77 | 76 | 76 | 75 | 79 | 82 | 84 | 85 | 85 | 85 | 84 | 85 | 88 | 89 | 77·0 |
| 23 | 89 | 88 | 87 | 88 | 89 | 85 | 82 | 83 | 83 | 78 | 80 | 75 | 74 | 74 | 71 | 71 | 74 | 69 | 74 | 73 | 75 | 75 | 77 | 78 | 79 | 78·6 |
| 24 | 79 | 82 | 83 | 83 | 85 | 83 | 85 | 86 | 85 | 93 | 66 | 64 | 65 | 62 | 61 | 62 | 63 | 65 | 64 | 62 | 60 | 68 | 76 | 77 | 81 | 73·4 |
| 25 | 81 | 84 | 84 | 83 | 84 | 81 | 85 | 84 | 82 | 85 | 81 | 76 | 77 | 76 | 78 | 81 | 83 | 85 | 89 | 92 | 92 | 93 | 91 | 93 | 92 | 84·4 |
| 26 | 92 | 93 | 91 | 90 | 91 | 92 | 94 | 95 | 94 | 96 | 98 | 92 | 86 | 84 | 88 | 92 | 95 | 99 | 93 | 92 | 86 | 88 | 84 | 86 | 86 | 91·1 |
| 27 | 86 | 82 | 83 | 82 | 83 | 86 | 83 | 86 | 92 | 94 | 94 | 92 | 96 | 97 | 96 | 97 | 98 | 94 | 95 | 96 | 95 | 96 | 98 | 96 | 96 | 92·0 |
| 28 | 96 | 95 | 95 | 96 | 93 | 90 | 85 | 91 | 89 | 91 | 88 | 89 | 90 | 88 | 84 | 79 | 81 | 86 | 85 | 88 | 88 | 87 | 85 | 88 | 88 | 88·5 |
| 29 | 88 | 89 | 91 | 89 | 87 | 89 | 91 | 91 | 91 | 92 | 89 | 86 | 83 | 87 | 88 | 88 | 91 | 91 | 91 | 92 | 92 | 94 | 96 | 96 | 97 | 90·3 |
| 30 | 97 | 97 | 98 | 98 | 97 | 98 | 99 | 99 | 99 | 99 | 99 | 91 | 89 | 88 | 84 | 85 | 90 | 90 | 92 | 93 | 94 | 96 | 96 | 95 | 95 | 94·3 |
| 31 | 95 | 96 | 96 | 97 | 97 | 98 | 98 | 98 | 99 | 99 | 98 | 98 | 95 | 94 | 94 | 92 | 93 | 96 | 90 | 88 | 89 | 86 | 90 | 90 | 85 | 94·0 |
| Mean ... | 88·6 | 88·4 | 88·3 | 88·3 | 88·0 | 87·9 | 87·9 | 88·1 | 87·8 | 87·4 | 84·6 | 82·0 | 80·8 | 80·6 | 80·1 | 80·1 | 81·4 | 83·5 | 84·6 | 85·6 | 86·0 | 85·7 | 86·3 | 87·0 | 87·6 | 85·7 |
| Mean, 1886–1905. | 84·9 | 85·2 | 85·2 | 85·3 | 85·2 | 85·3 | 85·5 | 85·4 | 84·3 | 82·4 | 79·6 | 77·3 | 75·7 | 75·2 | 74·3 | 75·6 | 77·1 | 79·8 | 81·8 | 83·2 | 83·6 | 84·1 | 84·4 | 84·5 | 85·0 | 81·9 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. OCTOBER, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows :—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. OCTOBER, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·946 | 9·906 | 63·2 | 57·0 | 9 | 9·825 | 9·771 | 60·4 | 52·5 | 17 | 9·769 | 9·711 | 61·0 | 57·1 | 25 | 0·064 | 0·025 | 47·9 | **35·0** |
| 2 | 9·948 | 9·904 | **64·0** | 57·9 | 10 | 0·034 | 9·741 | 61·1 | 52·0 | 18 | 9·778 | 9·721 | 60·5 | 51·1 | 26 | 0·038 | 9·698 | 52·9 | 36·3 |
| 3 | 9·995 | 9·872 | 63·7 | 57·3 | 11 | 0·072 | 9·936 | 60·7 | 50·2 | 19 | 9·772 | 9·731 | 58·0 | 50·1 | 27 | 9·749 | **9·644** | 52·0 | 40·7 |
| 4 | 0·047 | 9·987 | 63·7 | 56·4 | 12 | 9·936 | 9·785 | 59·6 | 55·0 | 20 | 9·741 | 9·682 | 60·2 | 55·4 | 28 | 9·944 | 9·745 | 61·3 | 49·8 |
| 5 | 0·010 | 9·943 | 63·1 | 57·7 | 13 | 9·836 | 9·767 | 61·9 | 54·2 | 21 | 0·024 | 9·674 | 58·1 | 48·5 | 29 | 9·944 | 9·733 | 60·0 | 55·0 |
| 6 | 9·957 | 9·919 | 63·0 | 57·5 | 14 | 9·824 | 9·754 | 61·9 | 54·8 | 22 | **0·208** | 0·024 | 50·8 | 40·4 | 30 | 9·825 | 9·673 | 58·8 | 52·0 |
| 7 | 9·952 | 9·910 | 61·0 | 57·4 | 15 | 9·794 | 9·715 | 61·5 | 57·5 | 23 | 0·198 | 0·137 | 51·9 | 42·4 | 31 | 9·934 | 9·825 | 56·9 | 46·8 |
| 8 | 9·920 | 9·745 | 62·8 | 58·0 | 16 | 9·719 | 9·681 | 61·1 | 56·4 | 24 | 0·151 | 0·005 | 48·4 | 42·0 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 59·1 | 51·4 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. OCTOBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·944 | 9·946 | 9·936 | 9·930 | 9·928 | 9·922 | 9·920 | 9·924 | 9·928 | 9·924 | 9·928 | 9·930 | 9·934 | 9·922 | 9·908 | 9·910 | 9·908 | 9·916 | 9·916 | 9·924 | 9·936 | 9·938 | 9·936 | 9·930 | 9·924 | 9·926 |
| 2 | 9·924 | 9·916 | 9·912 | 9·908 | 9·904 | 9·908 | 9·908 | 9·918 | 9·926 | 9·936 | 9·938 | 9·946 | 9·948 | 9·936 | 9·928 | 9·922 | 9·916 | 9·912 | 9·910 | 9·918 | 9·922 | 9·918 | 9·912 | 9·904 | 9·920 | |
| 3 | 9·904 | 9·896 | 9·888 | 9·878 | 9·874 | 9·874 | 9·888 | 9·892 | 9·900 | 9·906 | 9·906 | 9·907 | 9·913 | 9·913 | 9·915 | 9·915 | 9·915 | 9·915 | 9·929 | 9·945 | 9·959 | 9·971 | 9·977 | 9·991 | 9·995 | 9·917 |
| 4 | 9·995 | 9·997 | 9·995 | 9·989 | 9·997 | 0·003 | 0·015 | 0·017 | 0·033 | 0·041 | 0·047 | 0·040 | 0·040 | 0·028 | 0·022 | 0·014 | 0·010 | 0·008 | 0·014 | 0·016 | 0·016 | 0·018 | 0·016 | 0·012 | 0·010 | 0·016 |
| 5 | 0·010 | 0·004 | 9·992 | 9·988 | 9·989 | 9·986 | 9·978 | 9·978 | 9·980 | 9·986 | 9·988 | 9·994 | 9·987 | 9·983 | 9·973 | 9·967 | 9·965 | 9·955 | 9·957 | 9·947 | 9·945 | 9·947 | 9·963 | 9·965 | 9·955 | 9·957 |
| 6 | 9·957 | 9·947 | 9·939 | 9·931 | 9·925 | 9·921 | 9·921 | 9·923 | 9·933 | 9·933 | 9·937 | 9·936 | 9·942 | 9·936 | 9·940 | 9·936 | 9·934 | 9·936 | 9·934 | 9·942 | 9·944 | 9·946 | 9·956 | 9·952 | 9·952 | 9·974 |
| 7 | 9·952 | 9·950 | 9·944 | 9·934 | 9·930 | 9·928 | 9·930 | 9·932 | 9·936 | 9·940 | 9·944 | 9·946 | 9·942 | 9·936 | 9·926 | 9·916 | 9·914 | 9·914 | 9·918 | 9·924 | 9·924 | 9·928 | 9·922 | 9·920 | 9·920 | 9·937 |
| 8 | 9·920 | 9·908 | 9·890 | 9·870 | 9·864 | 9·858 | 9·854 | 9·854 | 9·856 | 9·852 | 9·848 | 9·839 | 9·829 | 9·807 | 9·791 | 9·769 | 9·753 | 9·749 | 9·745 | 9·749 | 9·751 | 9·755 | 9·765 | 9·779 | 9·785 | 9·931 |
| 9 | 9·785 | 9·783 | 9·785 | 9·781 | 9·783 | 9·787 | 9·785 | 9·805 | 9·821 | 9·821 | 9·819 | 9·809 | 9·809 | 9·799 | 9·803 | 9·791 | 9·783 | 9·781 | 9·787 | 9·791 | 9·785 | 9·775 | 9·773 | 9·773 | 9·773 | 9·816 |
| 10 | 9·773 | 9·763 | 9·755 | 9·741 | 9·741 | 9·745 | 9·751 | 9·769 | 9·789 | 9·807 | 9·823 | 9·836 | 9·856 | 9·862 | 9·882 | 9·882 | 9·894 | 9·902 | 9·928 | 9·942 | 9·964 | 9·988 | 9·996 | 0·010 | 0·026 | 0·792 |
| 11 | 0·034 | 0·036 | 0·032 | 0·012 | 0·034 | 0·040 | 0·050 | 0·062 | 0·068 | 0·064 | 0·068 | 0·060 | 0·052 | 0·038 | 0·028 | 0·012 | 0·000 | 9·996 | 9·994 | 9·986 | 9·982 | 9·976 | 9·960 | 9·956 | 9·936 | 0·034 |
| 12 | 9·936 | 9·922 | 9·906 | 9·886 | 9·878 | 9·874 | 9·872 | 9·870 | 9·870 | 9·870 | 9·868 | 9·857 | 9·843 | 9·819 | 9·809 | 9·795 | 9·789 | 9·787 | 9·795 | 9·801 | 9·801 | 9·803 | 9·795 | 9·789 | 9·841 | 0·861 |
| 13 | 9·789 | 9·775 | 9·771 | 9·769 | 9·773 | 9·777 | 9·787 | 9·797 | 9·805 | 9·805 | 9·813 | 9·814 | 9·816 | 9·810 | 9·810 | 9·806 | 9·804 | 9·812 | 9·824 | 9·832 | 9·834 | 9·834 | 9·834 | 9·826 | 9·824 | 9·806 |
| 14 | 9·824 | 9·806 | 9·798 | 9·780 | 9·766 | 9·762 | 9·760 | 9·762 | 9·766 | 9·766 | 9·770 | 9·770 | 9·774 | 9·768 | 9·768 | 9·766 | 9·770 | 9·776 | 9·786 | 9·796 | 9·806 | 9·808 | 9·802 | 9·792 | 9·794 | 9·780 |
| 15 | 9·794 | 9·792 | 9·786 | 9·762 | 9·762 | 9·766 | 9·768 | 9·770 | 9·774 | 9·768 | 9·764 | 9·763 | 9·755 | 9·743 | 9·741 | 9·741 | 9·735 | 9·735 | 9·745 | 9·743 | 9·739 | 9·743 | 9·731 | 9·717 | 9·715 | 9·754 |
| 16 | 9·715 | 9·707 | 9·703 | 9·687 | 9·683 | 9·683 | 9·681 | 9·687 | 9·691 | 9·695 | 9·699 | 9·697 | 9·695 | 9·687 | 9·693 | 9·689 | 9·685 | 9·687 | 9·695 | 9·703 | 9·701 | 9·709 | 9·715 | 9·715 | 9·719 | 9·696 |
| 17 | 9·719 | 9·717 | 9·715 | 9·711 | 9·713 | 9·715 | 9·721 | 9·727 | 9·745 | 9·751 | 9·761 | 9·767 | 9·765 | 9·759 | 9·761 | 9·759 | 9·759 | 9·759 | 9·757 | 9·761 | 9·765 | 9·769 | 9·767 | 9·765 | 9·759 | 9·747 |
| 18 | 9·759 | 9·745 | 9·741 | 9·729 | 9·723 | 9·721 | 9·725 | 9·735 | 9·755 | 9·759 | 9·761 | 9·768 | 9·772 | 9·770 | 9·766 | 9·762 | 9·756 | 9·762 | 9·776 | 9·778 | 9·774 | 9·776 | 9·778 | 9·774 | 9·772 | 9·757 |
| 19 | 9·772 | 9·762 | 9·750 | 9·746 | 9·736 | 9·744 | 9·746 | 9·748 | 9·752 | 9·754 | 9·751 | 9·741 | 9·731 | 9·739 | 9·741 | 9·745 | 9·749 | 9·757 | 9·751 | 9·751 | 9·755 | 9·757 | 9·749 | 9·741 | 9·749 | |
| 20 | 9·731 | 9·731 | 9·719 | 9·705 | 9·697 | 9·697 | 9·697 | 9·701 | 9·695 | 9·691 | 9·684 | 9·682 | 9·686 | 9·686 | 9·682 | 9·688 | 9·694 | 9·706 | 9·706 | 9·706 | 9·704 | 9·702 | 9·694 | 9·690 | 9·699 | |
| 21 | 9·699 | 9·682 | 9·676 | 9·676 | 9·682 | 9·686 | 9·694 | 9·710 | 9·734 | 9·748 | 9·758 | 9·766 | 9·776 | 9·778 | 9·786 | 9·794 | 9·812 | 9·842 | 9·888 | 9·916 | 9·948 | 9·976 | 9·982 | 9·996 | 0·024 | 9·798 |
| 22 | 0·024 | 0·034 | 0·054 | 0·062 | 0·076 | 0·096 | 0·118 | 0·130 | 0·144 | 0·156 | 0·172 | 0·162 | 0·176 | 0·168 | 0·164 | 0·166 | 0·166 | 0·164 | 0·178 | 0·184 | 0·194 | 0·198 | 0·208 | 0·202 | 0·198 | 0·145 |
| 23 | 0·198 | 0·196 | 0·184 | 0·172 | 0·158 | 0·154 | 0·160 | 0·162 | 0·176 | 0·178 | 0·178 | 0·167 | 0·163 | 0·159 | 0·151 | 0·143 | 0·137 | 0·139 | 0·145 | 0·149 | 0·151 | 0·151 | 0·147 | 0·151 | 0·151 | 0·160 |
| 24 | 0·151 | 0·141 | 0·127 | 0·107 | 0·097 | 0·091 | 0·089 | 0·091 | 0·097 | 0·091 | 0·091 | 0·091 | 0·075 | 0·055 | 0·037 | 0·023 | 0·015 | 0·011 | 0·015 | 0·019 | 0·019 | 0·023 | 0·030 | 0·037 | 0·035 | 0·066 |
| 25 | 0·035 | 0·041 | 0·027 | 0·027 | 0·029 | 0·031 | 0·033 | 0·037 | 0·051 | 0·059 | 0·063 | 0·060 | 0·060 | 0·054 | 0·048 | 0·048 | 0·046 | 0·052 | 0·062 | 

**FALMOUTH.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 14 | 4 | 12 | 4 | 12 | 4 |
| 2 | 10 | 4 | — | 3 | — | 3 | — | 3 | — | 2 | 9 | 4 | — | 2 | — | 3 | 10 | 4 | 10 | 4 | 10 | 4 | 9 | 4 |
| 3 | — | 2 | — | 2 | — | 2 | 9 | 4 | — | 3 | — | 2 | — | 3 | 7 | 6 | 8 | 4 | 7 | 7 | 8 | 7 | 9 | 7 |
| 4 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | 10 | 4 | — | 3 | — | 3 |
| 5 | 6 | 4 | — | 3 | 7 | 5 | — | 3 | 7 | 4 | — | 3 | 8 | 4 | — | 3 | 8 | 4 | 7 | 6 | 8 | 9 | 8 | 10 |
| 6 | 10 | 7 | 10 | 7 | 9 | 7 | 8 | 7 | 8 | 7 | 9 | 7 | 9 | 6 | 9 | 7 | 11 | 7 | 11 | 7 | 11 | 7 | 12 | 5 |
| 7 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 12 | 4 | 12 | 5 | 12 | 4 | 13 | 4 |
| 8 | 13 | 7 | 13 | 8 | 13 | 7 | 14 | 7 | 14 | 6 | 14 | 6 | 15 | 5 | 15 | 5 | 15 | 6 | 14 | 8 | 14 | 7 | 15 | 7 |
| 9 | — | 2 | 22 | 4 | — | 2 | 22 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | 18 | 5 |
| 10 | 18 | 7 | 18 | 7 | 18 | 7 | 18 | 10 | 19 | 7 | 19 | 5 | 19 | 8 | 23 | 8 | 23 | 10 | 22 | 10 | 23 | 10 | 24 | 10 |
| 11 | 23 | 4 | 23 | 4 | 20 | 6 | 20 | 4 | 18 | 4 | — | 3 | — | 3 | 18 | 4 | 17 | 7 | 17 | 7 | 16 | 9 | 17 | 9 |
| 12 | 15 | 7 | 15 | 7 | 14 | 6 | 15 | 7 | 15 | 6 | 14 | 7 | 14 | 5 | 14 | 7 | 14 | 6 | 13 | 10 | 13 | 11 | 13 | 10 |
| 13 | 11 | 5 | 13 | 6 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | 12 | 4 | 14 | 4 |
| 14 | 10 | 4 | 10 | 4 | 11 | 5 | 12 | 5 | 11 | 5 | 11 | 5 | 12 | 4 | 13 | 5 | 14 | 4 | 14 | 4 | 15 | 5 | 14 | 4 |
| 15 | 7 | 5 | 5 | 6 | 4 | 7 | 5 | 7 | 8 | 6 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 8 | 7 | 7 | 9 | 8 | 9 | 9 |
| 16 | 11 | 7 | 12 | 5 | 13 | 5 | — | 3 | 13 | 4 | — | 3 | 13 | 4 | 13 | 6 | 13 | 5 | 14 | 4 | 13 | 5 | 13 | 4 |
| 17 | -- | 3 | 17 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 5 | 15 | 5 | 13 | 5 |
| 18 | 14 | 7 | 15 | 6 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | 12 | 4 |
| 19 | — | 1 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 3 | 12 | 4 | — | 3 | — | 3 |
| 20 | 15 | 5 | 14 | 7 | 15 | 6 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 6 | 15 | 6 | 15 | 7 | 14 | 8 | 15 | 9 | 16 | 7 |
| 21 | 17 | 9 | 18 | 10 | 18 | 4 | — | 2 | — | 3 | 30 | 6 | 27 | 5 | 28 | 4 | 28 | 7 | 30 | 7 | 31 | 7 | 31 | 8 |
| 22 | 4 | 10 | 6 | 8 | 5 | 10 | 2 | 7 | 2 | 5 | 1 | 7 | 2 | 8 | 3 | 9 | 1 | 7 | 5 | 10 | 5 | 11 | 5 | 9 |
| 23 | 4 | 8 | 4 | 8 | 5 | 10 | 5 | 8 | 5 | 8 | 1 | 5 | 31 | 4 | 32 | 6 | 3 | 8 | 3 | 10 | 3 | 10 | 6 | 10 |
| 24 | 32 | 6 | 32 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 |
| 25 | — | 2 | 32 | 4 | 32 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 7 | 2 | 7 | 3 | 8 | 3 | 7 | 3 | 5 | |
| 26 | 31 | 5 | 32 | 12 | 32 | 14 | 32 | 10 | 32 | 11 | 32 | 9 | 31 | 11 | 31 | 12 | 32 | 12 | 32 | 13 | 32 | 11 | 32 | 12 |
| 27 | 4 | 4 | 1 | 7 | 1 | 6 | 32 | 4 | — | 3 | 30 | 4 | — | 3 | 30 | 4 | 30 | 4 | 1 | 5 | 3 | 4 | — | 2 |
| 28 | 11 | 4 | 10 | 7 | 9 | 7 | 10 | 6 | 10 | 4 | 16 | 7 | 18 | 10 | 18 | 7 | 17 | 6 | 17 | 8 | 17 | 7 | 15 | 9 |
| 29 | 16 | 4 | 16 | 4 | 15 | 4 | 15 | 4 | — | 3 | 6 | 4 | 7 | 4 | 10 | 5 | 10 | 7 | 9 | 7 | 10 | 6 | 10 | 6 |
| 30 | 12 | 10 | 12 | 8 | 12 | 8 | 10 | 7 | 12 | 7 | 12 | 7 | 12 | 6 | 12 | 6 | 13 | 5 | 14 | 6 | 14 | 4 | 15 | 6 |
| 31 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 |
| Mean ... | — | 5 | — | 5 | — | 5 | — | 4 | — | 4 | — | 4 | — | 4 | — | 5 | — | 5 | — | 6 | — | 6 | — | 6 |
| Mean, 1881-1905. | — | 9·0 | — | 9·0 | — | 8·9 | — | 9·1 | — | 8·9 | — | 8·9 | — | 8·8 | — | 9·1 | — | 10·0 | — | 11·0 | — | 12·0 | — | 12·0 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**FALMOUTH.** TABLE IV.—RAINFALL IN ENGLISH INCHES. OCTOBER, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 2 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 3 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 4 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 5 | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | ·01 | — | — | ·01 | — | ·01 | — | ·01 | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | ·05 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·09 | ·02 | ·01 | ·03 | ·15 | ·15 |
| 9 | ·02 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·06 | ·06 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | -- | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·10 | ·03 | — | — | — | ·16 |
| 16 | — | — | ·04 | ·01 | ·09 | ·05 | ·09 | ·29 | ·14 | ·07 | ·04 | ·05 | — | — | — | — | — | — | — | — | — | — | — | — | ·87 |
| 17 | — | — | — | — | ·04 | — | — | — | — | — | — | — | — | — | — | — | — | ·04 | ·01 | ·15 | ·05 | — | ·01 | ·05 | ·35 |
| 18 | ·05 | ·09 | ·19 | ·06 | ·04 | ·07 | ·05 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·55 |
| 19 | ·01 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 20 | — | — | — | — | — | — | — | ·01 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 21 | ·12 | ·05 | — | — | — | — | — | — | — | — | ·03 | ·01 | — | — | — | ·06 | — | — | — | — | — | — | — | — | ·27 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | ·01 | — | ·02 | ·01 | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·06 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·11 | — | — | — | ·12 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | ·23 | ·20 | ·28 | ·10 | *19 | ·13 | ·15 | ·30 | ·15 | ·07 | ·08 | ·06 | — | ·01 | — | ·06 | — | ·04 | ·03 | ·25 | ·28 | ·02 | *02 | ·09 | 2·74 |
| Average 1871-1905. | ·250 | ·233 | ·247 | ·264 | ·258 | ·250 | ·235 | ·274 | ·229 | ·232 | ·170 | ·216 | ·180 | ·171 | ·164 | ·181 | ·195 | ·206 | ·186 | ·185 | ·201 | ·202 | *174 | ·253 | 5·150 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. OCTOBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 12 | 4 | 10 | 4 | 10 | 4 | 10 | 4 | — | 3 | 10 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | 8 | 4 | 11 | 4 | 3 | 1 |
| 10 | 5 | 10 | 6 | 11 | 4 | 11 | 4 | 9 | 4 | 8 | 4 | — | 3 | 8 | 4 | 8 | 6 | 8 | 5 | — | 2 | — | 2 | 4 | 2 |
| 11 | 5 | 9 | 5 | 10 | 4 | — | 3 | 10 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | 4 | 3 |
| — | 3 | 10 | 4 | — | 3 | — | 2 | — | 1 | — | 1 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | 2 | 4 |
| 9 | 10 | 9 | 10 | 8 | 8 | 8 | 7 | 8 | 7 | 7 | 6 | 7 | 9 | 8 | 10 | 9 | 10 | 10 | 10 | 10 | 9 | 10 | 7 | 7 | 5 |
| 12 | 7 | 10 | 4 | 10 | 5 | 10 | 4 | 10 | 5 | 11 | 5 | 11 | 6 | 11 | 4 | 11 | 4 | 11 | 4 | 13 | 4 | 12 | 4 | 6 | 6 |
| 13 | 4 | 13 | 6 | 13 | 4 | 13 | 4 | 13 | 4 | — | 3 | 14 | 4 | 14 | 6 | 13 | 6 | 13 | 7 | 13 | 7 | 13 | 7 | 4 | 7 |
| 13 | 8 | 12 | 8 | 13 | 7 | 15 | 5 | 15 | 6 | 15 | 9 | 16 | 9 | 16 | 10 | 16 | 11 | 18 | 12 | 19 | 7 | 19 | 4 | 7 | 8 |
| 20 | 6 | 18 | 5 | 19 | 5 | 20 | 7 | — | 3 | — | 3 | 20 | 4 | 20 | 4 | 20 | 7 | 19 | 8 | 19 | 7 | 19 | 7 | 4 | 9 |
| 24 | 11 | 24 | 9 | 23 | 7 | 21 | 9 | 23 | 7 | 24 | 4 | 22 | 5 | 22 | 5 | 24 | 5 | 23 | 6 | 23 | 5 | 23 | 5 | 7 | 10 |
| 17 | 10 | 17 | 10 | 16 | 7 | 16 | 7 | 17 | 7 | 17 | 7 | 17 | 6 | 15 | 7 | 15 | 7 | 14 | 6 | 14 | 7 | 15 | 7 | 6 | 11 |
| 12 | 10 | 11 | 9 | 11 | 9 | 11 | 10 | 11 | 9 | 12 | 8 | 12 | 7 | 12 | 7 | 12 | 6 | 14 | 4 | — | 3 | 14 | 4 | 7 | 12 |
| 13 | 4 | — | 3 | — | 3 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 12 | 4 | 13 | 5 | 3 | 13 |
| 13 | 4 | 13 | 4 | — | 3 | — | 1 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 3 | 4 | 5 | 5 | 4 | 4 | 14 |
| 13 | 7 | 10 | 8 | 9 | 7 | 11 | 7 | 11 | 4 | 10 | 4 | 9 | 4 | 9 | 6 | 9 | 4 | 7 | 6 | 10 | 8 | 10 | 7 | 6 | 15 |
| 13 | 4 | 13 | 4 | 14 | 5 | 14 | 4 | 16 | 4 | 17 | 4 | 17 | 4 | — | 2 | — | 3 | — | 3 | — | 3 | 15 | 4 | 4 | 16 |
| 14 | 6 | 14 | 6 | 14 | 5 | 14 | 5 | 13 | 7 | 14 | 5 | 14 | 7 | 13 | 9 | 14 | 4 | 16 | 5 | 14 | 7 | 13 | 8 | 5 | 17 |
| 13 | 5 | 13 | 4 | — | 3 | 13 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 3 | 18 |
| 13 | 4 | 15 | 4 | 13 | 4 | 14 | 4 | 14 | 4 | — | 3 | 14 | 5 | 13 | 4 | 14 | 5 | 15 | 7 | 15 | 7 | 15 | 7 | 3 | 19 |
| 20 | 11 | 19 | 10 | 18 | 7 | 17 | 7 | 18 | 5 | 18 | 5 | 18 | 5 | 18 | 7 | 17 | 7 | 17 | 5 | 17 | 9 | 18 | 10 | 7 | 20 |
| 31 | 8 | 31 | 10 | 31 | 10 | 31 | 7 | — | 3 | 6 | 7 | 3 | 9 | 4 | 10 | 3 | 9 | 4 | 8 | 6 | 9 | 5 | 8 | 7 | 21 |
| 6 | 10 | 6 | 8 | 6 | 7 | 4 | 8 | 4 | 7 | 3 | 4 | 3 | 5 | 6 | 9 | 5 | 8 | 7 | 8 | 6 | 8 | 5 | 7 | 8 | 22 |
| 6 | 8 | 4 | 7 | 6 | 7 | 5 | 7 | 5 | 7 | 5 | 6 | 4 | 4 | 3 | 7 | 3 | 5 | 31 | 4 | 1 | 5 | 32 | 4 | 7 | 23 |
| — | 2 | — | 2 | 32 | 5 | 1 | 4 | 1 | 6 | 1 | 5 | — | 3 | 1 | 4 | 1 | 5 | 3 | 5 | 3 | 5 | — | 3 | 4 | 24 |
| 3 | 4 | 1 | 6 | 1 | 7 | 2 | 7 | 32 | 4 | 32 | 5 | 32 | 5 | 2 | 6 | — | 3 | 1 | 4 | — | 3 | — | 3 | 5 | 25 |
| 32 | 10 | 1 | 10 | 2 | 9 | 2 | 9 | 3 | 9 | 3 | 9 | 8 | 9 | 10 | 10 | 8 | 11 | 8 | 8 | 8 | 7 | 9 | 6 | 10 | 26 |
| — | 2 | — | 2 | — | 3 | 16 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | 17 | 4 | 14 | 6 | 13 | 4 | 4 | 27 |
| 17 | 10 | 16 | 9 | 17 | 10 | 17 | 12 | 16 | 10 | 17 | 12 | 17 | 8 | 15 | 6 | 15 | 7 | 15 | 6 | 14 | 6 | 15 | 5 | 8 | 28 |
| 10 | 7 | 8 | 6 | 8 | 9 | 10 | 7 | 10 | 8 | 10 | 7 | 9 | 6 | 10 | 6 | 11 | 7 | 12 | 7 | 12 | 8 | 12 | 10 | 6 | 29 |
| 14 | 4 | 16 | 4 | — | 3 | — | 2 | — | 3 | 31 | 6 | 29 | 6 | 28 | 4 | 26 | 4 | — | 3 | — | 2 | 5 | 30 | | |
| 9 | 4 | 10 | 4 | 11 | 4 | 11 | 4 | 12 | 4 | 13 | 4 | 13 | 5 | 13 | 4 | — | 3 | 13 | 4 | 9 | 4 | 10 | 5 | 3 | 31 |
| — | 6 | — | 6 | — | 6 | — | 6 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | 5 | Mean, 1881-1905. |
| — | 12·0 | — | 11·8 | — | 11·5 | — | 10·9 | — | 9·8 | — | 9·5 | — | 9·2 | — | 9·2 | — | 9·0 | — | 8·9 | — | 8·9 | — | 9·1 | 9·8 | |

**FALMOUTH.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. OCTOBER, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | — | 7·9 | ≋ early ; very fine all day. |
| 2 | — | — | — | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | 4·6 | ≋ ; overcast and ∞ A.M. ; bright later, and ⊆ at night. |
| 3 | — | — | — | — | — | ·9 | ·8 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | 8·1 | ≋ ; fine day, ⊆ at night. |
| 4 | — | — | — | — | ·2 | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | 8·1 | ≋ ; fine with light Ely. airs ; ◐. |
| 5 | — | — | — | — | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | 8·2 | ≋ early and at night ; fine day. |
| 6 | — | — | — | — | — | 1·0 | 1·0 | ·9 | 1·0 | ·7 | ·2 | — | — | — | — | — | — | 4·8 | ≋ early, then fairly bright ; thick wet |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and misty. [≋ in evening. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 9 | — | — | — | — | — | — | ·1 | ·2 | — | — | ·1 | ·7 | ·3 | ·4 | — | — | — | 1·8 | Dull day, with ● at night. |
| 10 | — | — | — | — | 1·0 | 1·0 | 1·0 | ·8 | ·9 | ·6 | ·4 | ·4 | ·2 | — | — | — | — | 6·3 | Overcast to cloudy ; fine evening. |
| 11 | — | — | — | — | — | ·3 | 1·0 | ·7 | 1·0 | ·8 | 1·0 | 1·0 | ·7 | — | — | — | — | 6·5 | Fine ; Wly. breeze. |
| 12 | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | 9·2 | Fine and mild. |
| 13 | — | — | — | — | ·9 | ·2 | ·2 | ·2 | ·2 | ·4 | — | — | — | — | — | — | — | 2·1 | Very fine and bright. |
| 14 | — | — | — | — | — | — | ·7 | ·3 | ·2 | ·5 | ·1 | — | — | — | — | — | — | 1·8 | Fairly bright at first, overcast and ≋ |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fair and mild ; ◐. [later. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, ● at night. |
| 17 | — | — | — | — | — | — | ·4 | ·6 | 1·0 | 1·0 | ·1 | — | — | — | — | — | — | 3·1 | ●² 4h.–12h. ; overcast all day. |
| 18 | — | — | — | — | — | — | ·3 | ·8 | 1·0 | 1·0 | ·6 | ·3 | — | — | — | — | — | 4·0 | ≋ early, then fair till about 15h. ; ● [later. |
| 19 | — | — | — | — | — | — | ·1 | ·2 | ·2 | — | ·1 | — | — | — | — | — | — | 0·6 | ●² till 7h., then fair to very misty. |
| 20 | — | — | — | — | ·2 | ·8 | ·1 | — | — | ·2 | ·6 | ·5 | — | — | — | — | — | 2·4 | Overcast and much ≋. |
| 21 | — | — | — | — | — | — | ·3 | ·4 | ·3 | ·9 | ·7 | 1·0 | ·4 | — | — | — | — | 4·0 | Overcast to fair ; mild and humid. |
| 22 | — | — | — | — | ·5 | 1·0 | ·8 | 1·0 | ·8 | ·7 | 1·0 | ·3 | 1·0 | — | — | — | — | 7·1 | ●² 1h–2h., then fair. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fine day, becoming overcast in evening. |
| 24 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·8 | ·7 | 1·0 | ·7 | — | — | — | — | — | 6·7 | Bright and fine. |
| 25 | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | 0·1 | ∞ early ; overcast day with cold Nly. airs. |
| 26 | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | 9·1 | Bright and fine all day. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and mild. |
| 28 | — | — | — | — | ·3 | ·9 | 1·0 | ·5 | ·3 | ·1 | 1·0 | 1·0 | ·3 | — | — | — | — | 5·4 | Fine to cloudy. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | ·6 | — | — | — | — | 0·6 | ●² early, cloudy, warm, and humid. |
| 30 | — | — | — | — | — | ·9 | 1·0 | ·8 | 1·0 | 1·0 | ·9 | ·6 | — | — | — | — | — | 6·2 | Fine and warm ; ◐. |
| 31 | — | — | — | — | ·4 | — | — | ·1 | — | — | — | — | — | — | — | — | — | 0·5 | Overcast most of day ; ●² at 21h. |
| | — | — | — | — | — | — | ·1 | ·4 | ·2 | ·2 | ·2 | — | — | — | — | — | — | 1·1 | Thick ≋, lifting at times ; overcast P.M. |
| | — | — | — | 0·2 | 7·0 | 12·7 | 14·1 | 14·1 | 14·3 | 16·0 | 16·2 | 14·0 | 9·9 | 1·8 | — | — | — | 120·3 | Total. |
| | — | — | — | 1·70 | 9·27 | 12·38 | 13·58 | 14·10 | 14·04 | 13·53 | 12·88 | 11·78 | 8·62 | 2·00 | — | — | — | 113·88 | Mean Total, 1881-1905. |

## TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. OCTOBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·0 | 58·1 | 58·0 | 58·0 | 58·2 | 58·1 | 58·2 | 58·5 | 59·0 | 60·1 | 61·1 | 62·1 | 62·3 | 63·0 | 63·2 | 63·0 | 62·6 | 61·5 | 60·3 | 60·0 | 59·0 | 59·2 | 59·2 | 59·2 | 59·0 | 60·0 |
| 2 | 59·0 | 58·9 | 58·6 | 58·9 | 58·2 | 58·3 | 58·0 | 59·0 | 59·6 | 60·4 | 61·1 | 62·3 | 62·3 | 63·0 | 63·0 | 63·7 | 63·3 | 62·5 | 61·0 | 60·0 | 60·2 | 60·8 | 60·0 | 59·2 | 58·9 | 60·5 |
| 3 | 58·9 | 58·9 | 58·0 | 58·1 | 58·8 | 58·9 | 59·0 | 59·2 | 60·0 | 61·2 | 62·1 | 63·1 | 63·3 | 63·5 | 63·0 | 63·1 | 62·6 | 61·8 | 60·3 | 59·8 | 59·0 | 59·2 | 59·0 | 58·8 | 57·4 | 60·4 |
| 4 | 57·4 | 58·2 | 58·3 | 58·3 | 57·8 | 57·0 | 57·4 | 57·3 | 59·0 | 60·2 | 61·3 | 62·0 | 62·9 | 63·3 | 63·3 | 63·4 | 63·2 | 62·4 | 59·6 | 60·7 | 60·4 | 60·2 | 59·6 | 59·0 | 58·6 | 60·1 |
| 5 | 58·6 | 58·8 | 58·9 | 58·8 | 58·7 | 58·1 | 58·0 | 58·7 | 59·4 | 60·9 | 61·4 | 62·3 | 62·9 | 62·7 | 63·0 | 62·7 | 61·8 | 60·7 | 60·2 | 60·1 | 59·9 | 58·2 | 58·3 | 58·3 | 58·3 | 60·1 |
| 6 | 58·3 | 58·5 | 58·5 | 58·4 | 58·2 | 58·2 | 58·3 | 58·3 | 58·9 | 59·9 | 60·7 | 60·8 | 61·4 | 61·9 | 61·6 | 60·4 | 60·0 | 59·2 | 59·0 | 58·6 | 58·2 | 58·0 | 57·8 | 57·7 | 57·5 | 59·2 |
| 7 | 57·5 | 57·6 | 57·5 | 57·5 | 57·5 | 57·6 | 57·6 | 57·8 | 58·0 | 58·2 | 59·0 | 59·6 | 60·0 | 60·3 | 60·1 | 60·0 | 59·4 | 59·0 | 58·8 | 58·8 | 58·5 | 58·5 | 58·6 | 58·5 | 58·5 | 58·6 |
| 8 | 58·5 | 58·5 | 58·5 | 58·6 | 58·7 | 58·6 | 58·5 | 58·6 | 59·0 | 60·3 | 61·1 | 62·0 | 62·4 | 61·5 | 60·6 | 60·3 | 60·4 | 60·4 | 60·2 | 60·4 | 60·6 | 60·4 | 60·0 | 58·0 | 58·0 | 59·8 |
| 9 | 58·0 | 57·9 | 57·6 | 57·2 | 56·7 | 56·3 | 55·6 | 55·9 | 56·4 | 57·0 | 57·8 | 59·5 | 59·6 | 59·0 | 59·5 | 60·2 | 57·6 | 57·4 | 55·0 | 53·2 | 52·8 | 52·7 | 52·6 | 53·0 | 54·4 | 56·5 |
| 10 | 54·4 | 55·5 | 56·0 | 54·9 | 55·5 | 55·2 | 55·3 | 56·7 | 56·8 | 57·6 | 59·0 | 60·5 | 59·9 | 59·1 | 59·0 | 58·3 | 57·5 | 56·0 | 54·6 | 53·6 | 52·7 | 52·8 | 52·0 | 52·2 | 52·6 | 56·0 |
| 11 | 52·6 | 51·8 | 51·9 | 51·3 | 51·4 | 51·0 | 51·0 | 51·5 | 53·2 | 56·1 | 57·4 | 59·0 | 59·8 | 59·9 | 60·1 | 59·6 | 58·1 | 57·0 | 56·2 | 55·0 | 55·1 | 56·0 | 55·3 | 55·0 | 55·1 | 55·3 |
| 12 | 55·1 | 55·7 | 56·2 | 56·3 | 56·2 | 56·0 | 56·0 | 56·2 | 56·4 | 57·4 | 58·5 | 59·0 | 59·3 | 59·3 | 59·2 | 59·0 | 58·4 | 57·7 | 56·8 | 56·5 | 56·5 | 56·4 | 56·4 | 55·4 | 55·3 | 57·1 |
| 13 | 55·3 | 56·0 | 56·0 | 55·5 | 56·1 | 56·4 | 55·9 | 54·8 | 56·3 | 57·0 | 58·7 | 59·5 | 60·6 | 61·9 | 60·2 | 59·8 | 59·1 | 58·1 | 57·4 | 56·6 | 56·3 | 56·0 | 55·6 | 55·7 | 55·6 | 57·3 |
| 14 | 55·6 | 55·0 | 54·9 | 56·0 | 56·0 | 56·9 | 57·3 | 57·2 | 58·0 | 58·4 | 58·1 | 60·4 | 60·6 | 61·6 | 60·9 | 61·0 | 60·3 | 59·7 | 58·6 | 58·5 | 58·0 | 57·7 | 57·3 | 57·9 | 57·9 | 58·2 |
| 15 | 57·9 | 57·9 | 57·7 | 57·7 | 57·5 | 57·8 | 57·6 | 58·0 | 58·3 | 58·8 | 59·2 | 59·4 | 60·9 | 60·0 | 60·1 | 59·5 | 59·5 | 59·0 | 58·9 | 58·8 | 58·8 | 58·6 | 58·8 | 59·0 | 58·9 | 58·8 |
| 16 | 58·0 | 58·8 | 58·5 | 58·5 | 58·2 | 58·2 | 58·2 | 58·2 | 58·1 | 58·2 | 58·6 | 58·9 | 58·8 | 58·7 | 60·0 | 60·0 | 59·8 | 59·0 | 58·6 | 58·2 | 58·0 | 57·8 | 57·7 | 57·3 | 57·7 | 58·0 |
| 17 | 58·0 | 57·8 | 57·4 | 57·3 | 57·2 | 57·5 | 57·6 | 57·7 | 57·3 | 57·6 | 59·0 | 59·7 | 60·2 | 60·9 | 60·3 | 60·0 | 59·0 | 59·0 | 58·5 | 58·3 | 58·0 | 58·0 | 58·1 | 58·1 | 58·1 | 58·5 |
| 18 | 58·1 | 57·9 | 58·0 | 57·9 | 57·9 | 56·2 | 56·0 | 56·0 | 56·1 | 57·2 | 58·1 | 59·0 | 60·3 | 60·5 | 60·0 | 59·3 | 58·9 | 57·9 | 55·6 | 55·0 | 54·2 | 53·8 | 52·6 | 52·0 | 51·1 | 56·9 |
| 19 | 51·1 | 51·0 | 50·3 | 51·1 | 51·9 | 53·3 | 53·2 | 53·9 | 55·0 | 55·7 | 56·8 | 57·2 | 57·9 | 57·5 | 57·0 | 56·1 | 55·2 | 54·8 | 55·1 | 55·2 | 55·5 | 55·8 | 56·3 | 56·4 | 54·7 |
| 20 | 56·4 | 57·0 | 57·1 | 56·9 | 56·7 | 57·0 | 56·9 | 57·0 | 58·3 | 59·0 | 58·9 | 58·7 | 58·9 | 59·1 | 60·0 | 59·0 | 59·0 | 58·0 | 56·1 | 55·4 | 56·1 | 56·8 | 57·1 | 57·0 | 57·0 | 57·7 |
| 21 | 57·0 | 57·1 | 55·2 | 54·1 | 54·7 | 54·2 | 54·0 | 53·2 | 54·1 | 55·2 | 56·3 | 55·9 | 56·2 | 57·9 | 57·3 | 57·2 | 57·8 | 54·0 | 53·9 | 53·1 | 51·6 | 50·6 | 49·3 | 49·7 | 48·5 | 54·4 |
| 22 | 48·5 | 47·2 | 46·7 | 46·2 | 44·3 | 43·1 | 42·0 | 41·0 | 41·1 | 43·1 | 45·0 | 47·1 | 47·8 | 48·9 | 49·5 | 50·3 | 50·3 | 50·6 | 48·8 | 48·0 | 49·3 | 49·0 | 49·0 | 48·9 | 48·0 | 46·9 |
| 23 | 48·0 | 47·7 | 46·8 | 46·9 | 47·0 | 47·9 | 45·0 | 42·9 | 44·0 | 46·3 | 48·3 | 49·9 | 50·8 | 51·4 | 51·5 | 51·1 | 51·0 | 50·3 | 50·0 | 48·1 | 46·9 | 45·9 | 43·8 | 44·0 | 44·3 | 47·7 |
| 24 | 44·3 | 44·0 | 44·2 | 44·2 | 43·0 | 42·2 | 42·6 | 42·2 | 44·8 | 46·2 | 46·8 | 46·9 | 46·8 | 48·0 | 48·0 | 48·4 | 48·1 | 47·8 | 46·0 | 44·7 | 45·5 | 46·2 | 45·1 | 43·7 | 42·2 | 45·4 |
| 25 | 42·2 | 39·7 | 39·3 | 37·8 | 37·0 | 35·1 | 37·0 | 36·0 | 39·0 | 41·0 | 42·8 | 44·1 | 45·2 | 46·1 | 47·3 | 47·8 | 47·1 | 45·2 | 43·8 | 42·6 | 42·3 | 39·7 | 40·2 | 37·2 | 37·1 | 41·4 |
| 26 | 37·1 | 36·8 | 39·3 | 41·2 | 41·7 | 42·1 | 42·0 | 45·0 | 46·1 | 47·5 | 49·0 | 49·6 | 49·8 | 50·4 | 50·9 | 51·4 | 52·0 | 52·1 | 52·1 | 52·8 | 51·3 | 50·9 | 50·8 | 50·3 | 49·3 | 47·4 |
| 27 | 49·3 | 49·8 | 47·2 | 45·4 | 44·0 | 43·0 | 40·9 | 43·9 | 44·0 | 44·9 | 47·0 | 48·9 | 50·0 | 50·9 | 51·9 | 51·0 | 50·2 | 49·3 | 47·6 | 45·0 | 44·5 | 45·5 | 47·9 | 49·3 | 49·8 | 47·2 |
| 28 | 49·8 | 49·8 | 50·3 | 51·1 | 52·1 | 53·9 | 54·7 | 56·0 | 56·4 | 57·0 | 57·9 | 58·6 | 59·2 | 59·6 | 60·9 | 59·9 | 59·2 | 58·5 | 58·8 | 58·2 | 57·2 | 57·3 | 57·1 | 56·8 | 56·3 | 56·4 |
| 29 | 56·3 | 56·2 | 56·2 | 56·0 | 55·0 | 56·0 | 55·9 | 56·0 | 56·3 | 57·5 | 58·7 | 59·1 | 59·4 | 60·0 | 59·2 | 59·1 | 58·6 | 57·1 | 57·0 | 56·9 | 56·7 | 56·8 | 56·3 | *56·3* | *56·3* | 57·2 |
| 30 | *56·3* | *56·2* | *56·2* | *56·0* | *55·0* | *56·0* | *55·9* | *56·0* | *56·3* | *57·5* | *58·7* | *59·1* | 56·5 | 58·1 | 58·2 | 57·9 | 57·6 | 57·1 | 57·2 | 56·1 | 55·3 | 54·9 | 54·2 | 53·0 | 52·2 | 56·5 |
| 31 | 52·2 | 51·9 | 50·7 | 50·1 | 50·2 | 49·0 | 47·0 | 47·0 | 47·6 | 49·3 | 51·9 | 54·0 | 54·6 | 56·0 | 56·6 | 56·0 | 55·6 | 55·1 | 55·6 | 55·0 | 53·8 | 53·3 | 54·9 | 54·9 | 55·0 | 52·7 |
| Mean ... | 54·1 | 54·1 | 53·9 | 53·7 | 53·6 | 53·5 | 53·3 | 53·5 | 54·3 | 55·4 | 56·4 | 57·3 | 57·8 | 58·2 | 58·3 | 58·1 | 57·5 | 56·7 | 55·8 | 55·3 | 54·9 | 54·7 | 54·5 | 54·3 | 54·1 | 55·4 |
| Mean, 1871–1905. | 50·6 | 50·6 | 50·4 | 50·3 | 50·2 | 50·2 | 50·0 | 50·1 | 50·8 | 52·2 | 53·1 | 54·1 | 54·4 | 54·7 | 54·5 | 54·3 | 53·7 | 52·9 | 52·0 | 51·5 | 51·2 | 51·1 | 50·9 | 50·8 | 50·5 | 51·8 |

## TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). OCTOBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 95 | 96 | 95 | 96 | 98 | 98 | 99 | 97 | 98 | 97 | 94 | 93 | 91 | 88 | 87 | 89 | 89 | 92 | 94 | 94 | 96 | 97 | 96 | 96 | 95 | 94·4 |
| 2 | 95 | 95 | 96 | 96 | 94 | 97 | 97 | 98 | 96 | 98 | 94 | 91 | 90 | 88 | 89 | 89 | 90 | 90 | 93 | 95 | 94 | 94 | 95 | 95 | 95 | 93·7 |
| 3 | 95 | 95 | 95 | 95 | 96 | 96 | 98 | 95 | 94 | 91 | 88 | 87 | 90 | 89 | 86 | 87 | 88 | 90 | 94 | 92 | 92 | 92 | 94 | 96 | 97 | 93·5 |
| 4 | 97 | 98 | 98 | 98 | 95 | 94 | 97 | 98 | 95 | 94 | 94 | 92 | 90 | 89 | 86 | 87 | 88 | 90 | 94 | 92 | 92 | 92 | 94 | 94 | 98 | 93·4 |
| 5 | 96 | 95 | 95 | 95 | 96 | 97 | 97 | 97 | 97 | 94 | 91 | 88 | 87 | 86 | 83 | 85 | 88 | 91 | 92 | 91 | 91 | 96 | 97 | 97 | 98 | 92·6 |
| 6 | 98 | 98 | 98 | 99 | 99 | 99 | 98 | 99 | 98 | 97 | 94 | 93 | 92 | 89 | 89 | 93 | 94 | 96 | 95 | 96 | 96 | 97 | 96 | 96 | 96 | 95·8 |
| 7 | 96 | 96 | 96 | 96 | 96 | 97 | 97 | 95 | 97 | 97 | 95 | 95 | 95 | 95 | 95 | 95 | 97 | 97 | 95 | 96 | 96 | 96 | 96 | 96 | 95 | 95·9 |
| 8 | 95 | 95 | 95 | 96 | 95 | 96 | 94 | 95 | 95 | 94 | 93 | 90 | 92 | 91 | 92 | 93 | 95 | 94 | 95 | 93 | 91 | 96 | 96 | 94 | 96 | 94·0 |
| 9 | 96 | 95 | 95 | 98 | 95 | 97 | 95 | 95 | 97 | 94 | 93 | 90 | 84 | 81 | 82 | 76 | 81 | 87 | 90 | 94 | 94 | 94 | 92 | 93 | 94 | 91·2 |
| 10 | 94 | 95 | 93 | 95 | 96 | 96 | 97 | 96 | 96 | 94 | 89 | 84 | 77 | 74 | 72 | 72 | 77 | 81 | 83 | 89 | 90 | 90 | 89 | 92 | 94 | 86·7 |
| 11 | 94 | 94 | 95 | 97 | 96 | 97 | 96 | 96 | 97 | 94 | 91 | 86 | 83 | 83 | 81 | 85 | 87 | 91 | 92 | 94 | 95 | 94 | 95 | 94 | 94 | 92·0 |
| 12 | 94 | 95 | 95 | 95 | 96 | 96 | 96 | 96 | 94 | 90 | 86 | 86 | 84 | 87 | 88 | 88 | 89 | 90 | 92 | 94 | 95 | 96 | 97 | 97 | 97 | 92·4 |
| 13 | 97 | 97 | 96 | 96 | 98 | 97 | 97 | 97 | 97 | 97 | 95 | 92 | 91 | 89 | 90 | 90 | 93 | 93 | 94 | 93 | 93 | 93 | 94 | 95 | 96 | 94·3 |
| 14 | 96 | 95 | 95 | 94 | 94 | 95 | 97 | 97 | 96 | 96 | 95 | 93 | 91 | 88 | 89 | 88 | 89 | 90 | 93 | 94 | 95 | 95 | 95 | 94 | 94 | 93·5 |
| 15 | 94 | 94 | 95 | 95 | 96 | 94 | 95 | 94 | 95 | 94 | 93 | 91 | 92 | 92 | 93 | 93 | 94 | 95 | 95 | 96 | 96 | 96 | 95 | 95 | 94 | 94·3 |
| 16 | 95 | 95 | 95 | 96 | 97 | 98 | 98 | 98 | 98 | 97 | 98 | 97 | 96 | 97 | 96 | 95 | 98 | 96 | 98 | 94 | 95 | 94 | 95 | 97 | 95 | 96·4 |
| 17 | 94 | 94 | 97 | 97 | 98 | 96 | 96 | 95 | 98 | 96 | 98 | 96 | 96 | 92 | 93 | 92 | 93 | 93 | 95 | 95 | 97 | 95 | 97 | 96 | 94 | 95·4 |
| 18 | 94 | 95 | 97 | 95 | 96 | 98 | 95 | 97 | 98 | 97 | 96 | 95 | 93 | 92 | 90 | 92 | 94 | 94 | 96 | 94 | 94 | 93 | 96 | 99 | 98 | 95·1 |
| 19 | 98 | 99 | 99 | 99 | 98 | 98 | 98 | 99 | 95 | 95 | 96 | 94 | 93 | 91 | 90 | 89 | 92 | 94 | 95 | 96 | 98 | 96 | 97 | 98 | 97 | 95·7 |
| 20 | 97 | 94 | 94 | 95 | 95 | 94 | 97 | 97 | 97 | 95 | 94 | 95 | 95 | 89 | 89 | 87 | 92 | 92 | 95 | 97 | 96 | 94 | 96 | 94 | 93 | 94·1 |
| 21 | 93 | 93 | 98 | 96 | 95 | 94 | 87 | 87 | 84 | 81 | 85 | 90 | 87 | 76 | 80 | 78 | 81 | 92 | 87 | 86 | 88 | 87 | 79 | 75 | 80 | 86·3 |
| 22 | 80 | 83 | 81 | 82 | 84 | 85 | 84 | 78 | 80 | 82 | 79 | 79 | 80 | 78 | 76 | 77 | 76 | 72 | 76 | 79 | 76 | 78 | 78 | 80 | 81 | 79·3 |
| 23 | 81 | 83 | 86 | 86 | 87 | 86 | 85 | 87 | 84 | 83 | 77 | 70 | 66 | 68 | 71 | 73 | 70 | 73 | 75 | 78 | 81 | 81 | 86 | 84 | 83 | 79·2 |
| 24 | 83 | 83 | 82 | 80 | 83 | 84 | 81 | 85 | 74 | 73 | 72 | 74 | 75 | 72 | 67 | 70 | 68 | 68 | 69 | 74 | 75 | 73 | 73 | 75 | 80 | 75·5 |
| 25 | 80 | 80 | 80 | 82 | 81 | 83 | 77 | 83 | 83 | 77 | 73 | 64 | 59 | 57 | 57 | 59 | 60 | 75 | 74 | 80 | 76 | 80 | 80 | 87 | 84 | 74·5 |
| 26 | 84 | 86 | 80 | 77 | 80 | 82 | 85 | 79 | 85 | 82 | 80 | 88 | 87 | 90 | 87 | 86 | 85 | 85 | 86 | 88 | 80 | 73 | 71 | 73 | 77 | 82·3 |
| 27 | 77 | 74 | 78 | 82 | 81 | 84 | 91 | 85 | 85 | 85 | 80 | 76 | 79 | 77 | 76 | 81 | 84 | 85 | 90 | 93 | 94 | 94 | 91 | 84 | 87 | 83·8 |
| 28 | 87 | 92 | 93 | 93 | 96 | 94 | 95 | 95 | 97 | 95 | 94 | 96 | 95 | 90 | 89 | 89 | 92 | 90 | 86 | 88 | 92 | 92 | 93 | 93 | 93 | 92·5 |
| 29 | 93 | 93 | 94 | 93 | 95 | 93 | 94 | 93 | 92 | 90 | 88 | 88 | 88 | 84 | 88 | 88 | 91 | 92 | 92 | 94 | 94 | 94 | 93 | *93* | *93* | 91·5 |
| 30 | 93 | *93* | *93* | *93* | *93* | *93* | *93* | *93* | *91* | 92 | 95 | 94 | 91 | 92 | 92 | 92 | 93 | 94 | 94 | 92 | 93 | 94 | 94 | 94 | 94 | 93·0 |
| 31 | 94 | 94 | 95 | 98 | 96 | 99 | 99 | 99 | 97 | 98 | 95 | 94 | 95 | 89 | 87 | 87 | 88 | 92 | 94 | 91 | 97 | 94 | 94 | 90 | 92 | 93·8 |
| Mean ... | 92·1 | 92·4 | 92·7 | 93·1 | 93·4 | 93·8 | 93·6 | 93·3 | 92·6 | 91·7 | 89·6 | 88·2 | 86·9 | 85·2 | 84·9 | 85·5 | 87·2 | 88·9 | 90·3 | 91·1 | 91·3 | 91·6 | 91·7 | 91·5 | 92·0 | 90·5 |
| Mean, 1886–1905. | 86·7 | 86·8 | 86·9 | 87·1 | 87·4 | 87·1 | 87·0 | 87·2 | 86·5 | 83·7 | 81·1 | 79·1 | 77·6 | 77·5 | 77·3 | 78·1 | 79·0 | 81·2 | 83·4 | 84·7 | 85·3 | 85·6 | 85·8 | 85·9 | 86·5 | 83·7 |

[*Price Sixpence.*]

# KEW OBSERVATORY. OCTOBER, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. OCTOBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·182 | 0·094 | 74·9 | 52·3 | 9 | 9·998 | 9·896 | 65·1 | 59·3 | 17 | 0·032 | 9·909 | 62·9 | 55·0 | 25 | 0·182 | 0·046 | 47·9 | **33·6** |
| 2 | 0·165 | 0·105 | **76·2** | 52·0 | 10 | 0·152 | 9·880 | 64·5 | 50·5 | 18 | 0·042 | 0·003 | 64·3 | 53·6 | 26 | 0·046 | 9·926 | 51·7 | 45·0 |
| 3 | 0·177 | 0·109 | 75·9 | 50·0 | 11 | 0·270 | 0·152 | 63·0 | 45·3 | 19 | 0·030 | 9·977 | 60·2 | 53·2 | 27 | 0·033 | **9·862** | 49·7 | 36·9 |
| 4 | 0·209 | 0·153 | 72·0 | 51·3 | 12 | 0·193 | 0·069 | 66·1 | 45·6 | 20 | 0·023 | 9·964 | 53·1 | 47·6 | 28 | 0·727 | 0·033 | 60·7 | 38·4 |
| 5 | 0·270 | 0·196 | 61·1 | 52·2 | 13 | 0·075 | 0·038 | 62·7 | 51·9 | 21 | 0·273 | 9·976 | 48·5 | 42·0 | 29 | 0·225 | 0·079 | 65·0 | 48·0 |
| 6 | 0·254 | 0·147 | 65·9 | 49·3 | 14 | 0·034 | 9·982 | 63·9 | 48·0 | 22 | **0·435** | 0·273 | 48·3 | 38·3 | 30 | 0·079 | 9·962 | 64·0 | 41·6 |
| 7 | 0·160 | 0·094 | 66·0 | 43·3 | 15 | 0·064 | 0·003 | 69·7 | 46·6 | 23 | 0·417 | 0·294 | 50·4 | 39·1 | 31 | 0·151 | 0·003 | 61·0 | 47·1 |
| 8 | 0·155 | 9·992 | 65·0 | 56·0 | 16 | 0·023 | 9·932 | 63·0 | 53·2 | 24 | 0·294 | 0·110 | 46·2 | 34·9 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 61·6 | 47·1 |

## TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. OCTOBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·182 | 0·171 | 0·169 | 0·158 | 0·153 | 0·150 | 0·149 | 0·154 | 0·158 | 0·154 | 0·147 | 0·141 | 0·132 | 0·120 | 0·115 | 0·103 | 0·094 | 0·104 | 0·111 | 0·119 | 0·121 | 0·125 | 0·133 | 0·131 | 0·121 | 0·136 |
| 2 | 0·121 | 0·120 | 0·117 | 0·105 | 0·111 | 0·113 | 0·126 | 0·137 | 0·151 | 0·161 | 0·157 | 0·149 | 0·138 | 0·127 | 0·121 | 0·125 | 0·122 | 0·120 | 0·127 | 0·136 | 0·143 | 0·149 | 0·152 | 0·149 | 0·154 | 0·133 |
| 3 | 0·154 | 0·151 | 0·140 | 0·133 | 0·131 | 0·137 | 0·144 | 0·154 | 0·164 | 0·172 | 0·169 | 0·158 | 0·142 | 0·123 | 0·116 | 0·114 | 0·113 | 0·115 | 0·127 | 0·134 | 0·144 | 0·154 | 0·160 | 0·167 | 0·168 | 0·143 |
| 4 | 0·168 | 0·174 | 0·164 | 0·164 | 0·166 | 0·168 | 0·179 | 0·187 | 0·198 | 0·202 | 0·209 | 0·206 | 0·194 | 0·180 | 0·170 | 0·160 | 0·156 | 0·153 | 0·164 | 0·173 | 0·185 | 0·194 | 0·204 | 0·205 | 0·204 | 0·181 |
| 5 | 0·204 | 0·200 | 0·196 | 0·200 | 0·201 | 0·202 | 0·215 | 0·230 | 0·235 | 0·242 | 0·258 | 0·270 | 0·268 | 0·259 | 0·256 | 0·254 | 0·253 | 0·254 | 0·253 | 0·255 | 0·255 | 0·255 | 0·256 | 0·253 | 0·254 | 0·239 |
| 6 | 0·254 | 0·251 | 0·243 | 0·237 | 0·235 | 0·233 | 0·233 | 0·229 | 0·228 | 0·223 | 0·217 | 0·215 | 0·205 | 0·190 | 0·177 | 0·169 | 0·159 | 0·160 | 0·163 | 0·167 | 0·170 | 0·168 | 0·161 | 0·155 | 0·149 | 0·200 |
| 7 | 0·149 | 0·143 | 0·137 | 0·130 | 0·129 | 0·126 | 0·133 | 0·139 | 0·141 | 0·145 | 0·145 | 0·138 | 0·127 | 0·118 | 0·102 | 0·098 | 0·096 | 0·106 | 0·104 | 0·118 | 0·127 | 0·135 | 0·153 | 0·158 | 0·155 | 0·129 |
| 8 | 0·155 | 0·154 | 0·146 | 0·140 | 0·133 | 0·128 | 0·135 | 0·133 | 0·135 | 0·138 | 0·131 | 0·132 | 0·118 | 0·096 | 0·080 | 0·064 | 0·043 | 0·034 | 0·031 | 0·033 | 0·038 | 0·033 | 0·023 | 0·012 | 9·992 | 0·091 |
| 9 | 9·992 | 9·983 | 9·974 | 9·962 | 9·962 | 9·952 | 9·962 | 9·971 | 9·983 | 9·991 | 9·989 | 9·977 | 9·973 | 9·969 | 9·962 | 9·949 | 9·941 | 9·939 | 9·934 | 9·932 | 9·929 | 9·920 | 9·911 | 9·901 | 9·896 | 9·955 |
| 10 | 9·896 | 9·895 | 9·892 | 9·882 | 9·891 | 9·897 | 9·901 | 9·917 | 9·939 | 9·948 | 9·946 | 9·941 | 9·945 | 9·946 | 9·948 | 9·948 | 9·968 | 9·978 | 0·002 | 0·035 | 0·064 | 0·089 | 0·117 | 0·124 | 0·152 | 9·968 |
| 11 | 0·152 | 0·157 | 0·171 | 0·183 | 0·185 | 0·191 | 0·214 | 0·232 | 0·255 | 0·270 | 0·264 | 0·255 | 0·249 | 0·239 | 0·229 | 0·221 | 0·218 | 0·219 | 0·225 | 0·225 | 0·225 | 0·223 | 0·217 | 0·201 | 0·193 | 0·218 |
| 12 | 0·193 | 0·187 | 0·177 | 0·167 | 0·159 | 0·154 | 0·151 | 0·157 | 0·163 | 0·159 | 0·157 | 0·148 | 0·126 | 0·110 | 0·096 | 0·082 | 0·074 | 0·072 | 0·071 | 0·074 | 0·080 | 0·085 | 0·082 | 0·078 | 0·075 | 0·123 |
| 13 | 0·075 | 0·066 | 0·064 | 0·054 | 0·055 | 0·054 | 0·051 | 0·059 | 0·066 | 0·070 | 0·071 | 0·064 | 0·055 | 0·038 | 0·029 | 0·014 | 0·013 | 0·015 | 0·022 | 0·020 | 0·022 | 0·032 | 0·030 | 0·016 | 0·008 | 0·043 |
| 14 | 0·008 | 9·996 | 0·000 | 9·998 | 9·989 | 9·984 | 9·990 | 9·999 | 0·002 | 0·004 | 0·013 | 0·019 | 0·004 | 9·999 | 9·991 | 9·984 | 9·985 | 9·987 | 9·996 | 0·007 | 0·020 | 0·024 | 0·032 | 0·034 | 0·034 | 0·003 |
| 15 | 0·034 | 0·039 | 0·034 | 0·031 | 0·030 | 0·055 | 0·044 | 0·058 | 0·064 | 0·066 | 0·047 | 0·043 | 0·030 | 0·020 | 0·017 | 0·011 | 0·005 | 0·004 | 0·019 | 0·015 | 0·023 | 0·020 | 0·025 | 0·023 | 0·023 | 0·030 |
| 16 | 0·023 | 0·017 | 0·005 | 9·997 | 9·989 | 9·985 | 9·984 | 9·987 | 9·993 | 9·991 | 9·994 | 9·988 | 9·980 | 9·959 | 9·954 | 9·946 | 9·929 | 9·930 | 9·934 | 9·936 | 9·936 | 9·932 | 9·935 | 9·933 | 9·924 | 9·967 |
| 17 | 9·924 | 9·922 | 9·919 | 9·916 | 9·909 | 9·913 | 9·914 | 9·932 | 9·942 | 9·956 | 9·964 | 9·977 | 9·966 | 9·966 | 9·970 | 9·969 | 9·970 | 9·980 | 9·988 | 9·992 | 9·998 | 0·008 | 0·022 | 0·026 | 0·030 | 9·962 |
| 18 | 0·030 | 0·025 | 0·024 | 0·021 | 0·018 | 0·020 | 0·023 | 0·030 | 0·039 | 0·042 | 0·038 | 0·038 | 0·028 | 0·021 | 0·014 | 0·005 | 0·003 | 0·005 | 0·011 | 0·010 | 0·013 | 0·020 | 0·015 | 0·011 | 0·008 | 0·021 |
| 19 | 0·008 | 9·994 | 9·985 | 9·987 | 9·995 | 9·991 | 9·991 | 9·981 | 9·997 | 0·004 | 0·003 | 0·011 | 0·000 | 9·993 | 9·990 | 9·987 | 9·991 | 0·001 | 0·010 | 0·021 | 0·021 | 0·026 | 0·027 | 0·028 | 0·023 | 0·002 |
| 20 | 0·023 | 0·018 | 0·011 | 0·006 | 0·003 | 0·006 | 0·003 | 0·011 | 0·014 | 0·015 | 0·011 | 0·004 | 9·994 | 9·987 | 9·978 | 9·969 | 9·964 | 9·968 | 9·983 | 9·983 | 9·977 | 9·980 | 9·983 | 9·982 | 9·981 | 9·994 |
| 21 | 9·981 | 9·980 | 9·981 | 9·982 | 9·979 | 9·983 | 9·992 | 0·015 | 0·034 | 0·043 | 0·051 | 0·059 | 0·063 | 0·069 | 0·072 | 0·075 | 0·104 | 0·123 | 0·155 | 0·172 | 0·205 | 0·229 | 0·249 | 0·261 | 0·273 | 0·083 |
| 22 | 0·273 | 0·283 | 0·293 | 0·296 | 0·316 | 0·333 | 0·349 | 0·371 | 0·392 | 0·401 | 0·417 | 0·429 | 0·432 | 0·420 | 0·417 | 0·422 | 0·424 | 0·429 | 0·429 | 0·420 | 0·422 | 0·423 | 0·425 | 0·419 | 0·417 | 0·388 |
| 23 | 0·417 | 0·406 | 0·399 | 0·387 | 0·377 | 0·369 | 0·376 | 0·383 | 0·380 | 0·373 | 0·381 | 0·380 | 0·361 | 0·347 | 0·336 | 0·319 | 0·318 | 0·319 | 0·321 | 0·323 | 0·319 | 0·311 | 0·308 | 0·302 | 0·294 | 0·352 |
| 24 | 0·294 | 0·276 | 0·261 | 0·231 | 0·218 | 0·208 | 0·188 | 0·179 | 0·169 | 0·155 | 0·139 | 0·134 | 0·123 | 0·119 | 0·113 | 0·113 | 0·121 | 0·131 | 0·134 | 0·138 | 0·136 | 0·126 | 0·127 | 0·131 | 0·123 | 0·162 |
| 25 | 0·123 | 0·135 | 0·135 | 0·133 | 0·136 | 0·143 | 0·147 | 0·158 | 0·175 | 0·179 | 0·172 | 0·166 | 0·161 | 0·148 | 0·150 | 0·154 | 0·157 | 0·148 | 0·132 | 0·126 | 0·120 | 0·112 | 0·107 | 0·080 | 0·046 | 0·140 |
| 26 | 0·046 | 0·022 | 0·016 | 9·996 | 9·969 | 9·941 | 9·932 | 9·929 | 9·938 | 9·942 | 9·951 | 9·943 | 9·953 | 9·941 | 9·944 | 9·945 | 9·952 | 9·

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 2 | — | 2 | — | 1 | — | 0 | — | 1 | — | 1 | — | 0 | — | 1 | — | 2 | — | 2 | — | 2 | 16 | 7 |
| 2 | — | 1 | — | 1 | — | 0 | — | 1 | — | 2 | — | 1 | — | 0 | — | 1 | — | 1 | — | 2 | — | 1 | — | 2 |
| 3 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 | 14 | 4 | 7 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 |
| 4 | — | 2 | — | 1 | — | 1 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 1 | — | 3 | — | 1 | — | 2 |
| 5 | — | 2 | — | 0 | — | 1 | — | 1 | — | 1 | — | 0 | — | 1 | — | 2 | 2 | 6 | 6 | 10 | 6 | 11 | 6 | 10 |
| 6 | 7 | 7 | 7 | 5 | 7 | 5 | 7 | 4 | — | 2 | — | 3 | 7 | 7 | 7 | 11 | 8 | 13 | 8 | 10 | 8 | 10 | 9 | 11 |
| 7 | — | 2 | — | 1 | — | 0 | — | 1 | — | 1 | — | 0 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 |
| 8 | — | 2 | — | 3 | — | 3 | — | 3 | 16 | 5 | — | 3 | 16 | 4 | 16 | 5 | 16 | 4 | 16 | 4 | 16 | 5 | 16 | 9 |
| 9 | 14 | 5 | 14 | 5 | 14 | 4 | 14 | 4 | — | 2 | — | 3 | 16 | 7 | 19 | 7 | 18 | 7 | 19 | 8 | 18 | 7 | 20 | 7 |
| 10 | 24 | 5 | 25 | 4 | 25 | 4 | 25 | 4 | 25 | 4 | — | 3 | 25 | 4 | 22 | 4 | 22 | 6 | 21 | 7 | 21 | 7 | 20 | 12 |
| 11 | — | 3 | 21 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | 21 | 7 | 18 | 10 | 18 | 9 |
| 12 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | 17 | 5 | 14 | 9 | 13 | 7 | 12 | 9 |
| 13 | 10 | 4 | — | 2 | — | 3 | — | 3 | — | 3 | 8 | 5 | 12 | 4 | 12 | 5 | 10 | 6 | 10 | 5 | 10 | 4 | 10 | 4 |
| 14 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 15 | 4 | 20 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 |
| 15 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 3 | — | 1 | 13 | 4 | 13 | 11 |
| 16 | 9 | 7 | 9 | 8 | 9 | 8 | 8 | 10 | 8 | 7 | 8 | 7 | 8 | 10 | 8 | 13 | 8 | 11 | 6 | 12 | 6 | 16 | 6 | 15 |
| 17 | 7 | 7 | — | 3 | 7 | 5 | 7 | 4 | 7 | 4 | 7 | 4 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | — | 1 |
| 18 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | — | 1 | — | 0 | — | 1 | — | 2 | 7 | 4 | 13 | 6 | 12 | 6 |
| 19 | 8 | 11 | 8 | 11 | 8 | 10 | 8 | 5 | 7 | 11 | 7 | 12 | 7 | 15 | 7 | 9 | 8 | 7 | 8 | 9 | 8 | 8 | 8 | 9 |
| 20 | 10 | 4 | 7 | 7 | 7 | 6 | 10 | 10 | 10 | 9 | 9 | 10 | 10 | 11 | 10 | 10 | 9 | 10 | 9 | 12 | 9 | 11 | 10 | 12 |
| 21 | 8 | 8 | 8 | 8 | 8 | 10 | 8 | 10 | 8 | 12 | 8 | 14 | 8 | 11 | 8 | 11 | 6 | 12 | 6 | 16 | 8 | 17 | 7 | 21 |
| 22 | 3 | 8 | 3 | 10 | 4 | 10 | 4 | 10 | 4 | 9 | 4 | 10 | 4 | 8 | 4 | 10 | 6 | 17 | 6 | 21 | 7 | 21 | 7 | 22 |
| 23 | 4 | 9 | 4 | 7 | 3 | 5 | 3 | 4 | 3 | 4 | — | 3 | 3 | 4 | 3 | 5 | 3 | 4 | 5 | 8 | 4 | 5 | 5 | 5 |
| 24 | — | 2 | — | 2 | — | 3 | — | 3 | 32 | 5 | 31 | 7 | 31 | 7 | 28 | 6 | 30 | 7 | 31 | 9 | 32 | 10 | 1 | 12 |
| 25 | 1 | 5 | 32 | 6 | 32 | 7 | 32 | 9 | 2 | 5 | 1 | 6 | 32 | 7 | 32 | 6 | 32 | 7 | 32 | 10 | 32 | 15 | 2 | 15 |
| 26 | 32 | 15 | 32 | 15 | 32 | 14 | 32 | 12 | 32 | 12 | 32 | 10 | 2 | 15 | 2 | 12 | 3 | 14 | 4 | 15 | 5 | 16 | 7 | 12 |
| 27 | 6 | 12 | 6 | 11 | 6 | 12 | 6 | 11 | 6 | 11 | 7 | 15 | 8 | 15 | 8 | 14 | 8 | 15 | 7 | 11 | 11 | 9 | 12 | 10 |
| 28 | — | 2 | 19 | 4 | — | 2 | — | 2 | 19 | 4 | 8 | 5 | — | 3 | — | 2 | 12 | 4 | 16 | 10 | 18 | 9 | 17 | 12 |
| 29 | — | 1 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 3 | — | 2 | — | 3 | — | 3 | — | 2 | 14 | 4 |
| 30 | — | 1 | — | 2 | 10 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | 10 | 4 | 10 | 4 | 10 | 5 | 11 | 6 |
| 31 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 3 | 18 | 6 | 20 | 4 | 20 | 4 |
| Mean ... | — | 4 | — | 4 | — | 4 | — | 4 | — | 4 | — | 5 | — | 5 | — | 5 | — | 6 | — | 7 | — | 7 | — | 9 |
| Mean, 1881–1905. | — | 5·2 | — | 5·3 | — | 5·2 | — | 5·2 | — | 5·2 | — | 5·4 | — | 5·5 | — | 5·9 | — | 7·0 | — | 7·8 | — | 9·2 | — | 9·4 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN ENGLISH INCHES. OCTOBER, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | ·01 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | ·01 | ·02 | — | — | — | — | ·05 |
| 10 | — | ·05 | ·05 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·11 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | ·01 | ·07 | ·04 | — | ·14 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·28 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 19 | — | — | — | ·14 | ·26 | ·20 | ·02 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·65 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·10 | ·08 | — | ·19 |
| 21 | — | — | ·01 | ·05 | ·02 | ·02 | ·02 | ·06 | ·06 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·24 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | ·01 | ·01 | ·02 | ·05 | — | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | ·11 |
| 27 | — | — | — | — | — | — | ·03 | ·01 | ·01 | ·06 | ·01 | — | ·03 | ·06 | ·13 | ·01 | — | — | — | — | — | — | — | — | ·35 |
| 28 | — | — | — | ·03 | ·02 | ·02 | ·02 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·10 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | ·01 | ·12 | ·10 | ·23 | ·44 | ·27 | ·10 | ·12 | ·13 | ·06 | ·01 | ·02 | ·04 | ·06 | ·13 | ·02 | ·01 | — | ·01 | ·02 | — | ·01 | ·11 | ·08 | 2·17 |
| Average 1871–1905. | ·132 | ·116 | ·114 | ·103 | ·103 | ·131 | ·113 | ·125 | ·124 | ·123 | ·099 | ·144 | ·157 | ·114 | ·115 | ·117 | ·113 | ·094 | ·116 | ·124 | ·104 | ·089 | ·085 | ·078 | 2·734 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. OCTOBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 17 | 6 | 18 | 4 | 18 | 4 | 18 | 4 | — | 3 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | 2 | 1 |
| — | 2 | 12 | 6 | 14 | 5 | 14 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | 2 | 2 |
| 7 | 5 | 14 | 7 | 14 | 5 | 14 | 4 | 14 | 4 | 14 | 4 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 1 | 3 | 3 |
| — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 0 | — | 2 | — | 0 | — | 2 | — | 1 | — | 1 | — | 2 | 2 | 4 |
| 8 | 11 | 8 | 11 | 8 | 12 | 9 | 10 | 8 | 11 | 8 | 10 | 8 | 10 | 7 | 15 | 7 | 11 | 7 | 10 | 7 | 10 | 7 | 5 | 7 | 5 |
| 8 | 8 | 9 | 9 | 6 | 10 | 6 | 10 | 9 | 8 | 9 | 7 | — | 3 | — | 3 | — | 2 | — | 3 | — | 2 | — | 1 | 6 | 6 |
| 22 | 4 | 19 | 4 | 19 | 4 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 19 | 4 | 19 | 4 | 22 | 5 | — | 2 | 2 | 7 |
| 16 | 7 | 16 | 5 | 16 | 7 | 14 | 6 | 13 | 5 | 13 | 4 | 13 | 4 | — | 3 | — | 3 | — | 1 | 13 | 5 | 13 | 4 | 4 | 8 |
| 19 | 7 | 19 | 7 | 19 | 5 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 4 | 9 |
| 22 | 9 | 22 | 8 | 20 | 9 | 21 | 7 | 21 | 5 | 21 | 4 | 21 | 4 | 21 | 5 | 21 | 6 | 21 | 6 | 21 | 5 | 21 | 4 | 6 | 10 |
| 18 | 9 | 19 | 8 | 18 | 7 | 17 | 6 | 17 | 4 | 17 | 4 | 17 | 4 | 17 | 4 | 17 | 5 | 17 | 5 | — | 2 | — | 2 | 5 | 11 |
| 10 | 10 | 11 | 10 | 12 | 10 | 8 | 8 | 10 | 7 | 10 | 4 | 10 | 5 | 10 | 8 | 10 | 4 | — | 3 | — | 3 | 10 | 4 | 5 | 12 |
| — | 3 | 15 | 4 | 15 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 3 | 13 |
| — | 2 | — | 1 | — | 3 | — | 2 | — | 2 | — | 2 | — | 1 | — | 1 | — | 2 | — | 1 | — | 0 | — | 1 | 2 | 14 |
| 12 | 12 | 12 | 10 | 10 | 12 | 9 | 7 | 9 | 5 | 9 | 5 | 9 | 4 | 9 | 6 | 9 | 8 | 9 | 7 | 9 | 7 | 9 | 6 | 5 | 15 |
| 6 | 15 | 6 | 15 | 6 | 15 | 6 | 18 | 7 | 16 | 6 | 14 | 6 | 15 | 7 | 13 | 7 | 13 | 7 | 10 | 7 | 11 | 12 | 16 | 2 | 16 |
| — | 2 | — | 2 | — | 2 | — | 0 | — | 0 | — | 0 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | 2 | 17 |
| 14 | 6 | 12 | 7 | 14 | 5 | 11 | 6 | 11 | 5 | 11 | 5 | 11 | 6 | 11 | 5 | 8 | 7 | 8 | 8 | 8 | 10 | 8 | 8 | 4 | 18 |
| 8 | 9 | 8 | 10 | 9 | 9 | 10 | 10 | 10 | 11 | 9 | 10 | 8 | 7 | 8 | 9 | 10 | 10 | 10 | 7 | 10 | 5 | 10 | 4 | 9 | 19 |
| 8 | 10 | 11 | 10 | 11 | 6 | 11 | 4 | 10 | 6 | 10 | 10 | 9 | 8 | 7 | 10 | 7 | 7 | 7 | 7 | 8 | 9 | 8 | 7 | 9 | 20 |
| 7 | 22 | 7 | 23 | 6 | 21 | 5 | 21 | 6 | 20 | 6 | 17 | 6 | 15 | 6 | 12 | 6 | 10 | 6 | 10 | 4 | 11 | 3 | 10 | 14 | 21 |
| 6 | 21 | 6 | 20 | 6 | 21 | 4 | 14 | 4 | 11 | 4 | 12 | 4 | 10 | 4 | 8 | 4 | 9 | 4 | 6 | 4 | 7 | 4 | 6 | 12 | 22 |
| 2 | 7 | 32 | 6 | 32 | 7 | 32 | 9 | 1 | 6 | 1 | 6 | 1 | 4 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | 5 | 23 |
| 3 | 14 | 4 | 15 | 2 | 14 | 2 | 13 | 2 | 7 | 2 | 4 | — | 3 | 30 | 4 | — | 2 | 31 | 5 | 1 | 6 | 1 | 5 | 7 | 24 |
| 32 | 13 | 32 | 12 | 32 | 11 | 32 | 11 | 32 | 12 | 32 | 11 | 32 | 10 | 32 | 10 | 32 | 11 | 32 | 13 | 32 | 13 | 32 | 15 | 10 | 25 |
| 7 | 10 | 4 | 7 | 6 | 8 | 7 | 10 | 7 | 10 | 7 | 12 | 8 | 10 | 9 | 10 | 8 | 7 | 8 | 7 | 7 | 7 | 7 | 6 | 11 | 26 |
| 12 | 8 | 11 | 7 | 10 | 8 | 11 | 7 | 15 | 5 | 13 | 7 | 14 | 8 | 19 | 5 | 19 | 4 | — | 2 | — | 1 | — | 2 | 9 | 27 |
| 18 | 10 | 18 | 8 | 17 | 7 | 17 | 7 | 17 | 6 | 17 | 4 | 17 | 4 | — | 3 | — | 2 | 17 | 4 | 17 | 4 | — | 2 | 5 | 28 |
| — | 3 | 14 | 4 | 10 | 4 | 13 | 6 | — | 3 | 10 | 6 | 10 | 4 | 10 | 4 | 10 | 5 | 10 | 4 | — | 2 | — | 2 | 3 | 29 |
| 13 | 8 | 13 | 7 | 15 | 7 | 14 | 4 | 14 | 4 | 14 | 4 | — | 2 | — | 3 | 14 | 5 | — | 2 | — | 2 | — | 3 | 4 | 30 |
| — | 2 | 17 | 4 | — | 2 | — | 2 | — | 0 | — | 1 | — | 2 | — | 1 | — | 0 | — | 1 | — | 1 | — | 1 | 2 | 31 |
| — | 8 | — | 8 | — | 8 | — | 7 | — | 6 | — | 6 | — | 5 | — | 5 | — | 5 | — | 5 | — | 5 | — | 4 | 6 | |
| — | 9·4 | — | 9·1 | — | 8·5 | — | 7·6 | — | 6·6 | — | 6·2 | — | 5·9 | — | 5·7 | — | 5·7 | — | 5·6 | — | 5·4 | — | 5·2 | 6·5 | Mean, 1881–1905. |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. OCTOBER, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | 7·1 | ≋, fine and warm ; ⌓. |
| 2 | — | — | — | — | — | — | ·5 | 1·0 | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | 5·9 | Fine day, with ≋ early and at night. |
| 3 | — | — | — | — | — | — | ·9 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | 6·2 | ≋ at first, clearing in afternoon ; ⌓. |
| 4 | — | — | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | 6·2 | ≋ morning and evening ; fine during day. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | ·4 | — | — | — | — | 0·4 | ≋ early ; dull. |
| 6 | — | — | — | — | ·8 | 1·0 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | — | — | — | — | 8·6 | Fine all day. |
| 7 | — | — | — | — | — | — | ·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·1 | — | — | — | 5·7 | ≋ till about 11h., then clearing ; ●[9] at 23h. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | ·5 | 1·0 | — | — | — | — | 1·5 | Dull till 15h., then finer. |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 0·1 | Dull and mild, with ●[9] in afternoon. |
| 10 | — | — | — | — | — | — | ·4 | ·4 | 1·0 | ·9 | ·2 | ·9 | ·3 | — | — | — | — | 4·1 | ● 2h.–4h., then fine most of day. |
| 11 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·8 | ·7 | ·9 | ·5 | ·1 | — | — | — | — | 6·6 | Fine day ; ⌓. |
| 12 | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | 1·0 | 1·0 | ·4 | — | — | — | — | 8·5 | Fine and bright during day ; ≋[9] at night. |
| 13 | — | — | — | — | — | — | — | — | ·1 | ·6 | 1·0 | ·8 | — | — | — | — | — | 2·5 | A.M. overcast ; P.M. finer ; ≋[9] all day. |
| 14 | — | — | — | — | — | — | — | ·5 | ·1 | ·4 | 1·0 | 1·0 | — | — | — | — | — | 3·0 | Dull and misty to bright ; ≋ at night. |
| 15 | — | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | 6·9 | ≋ at first, then fine. |
| 16 | — | — | — | — | — | — | ·1 | ·4 | ·6 | ·3 | ·1 | — | — | — | — | — | — | 1·5 | ≋[9] ; fair to dull. |
| 17 | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | 0·1 | Dull and misty, with ● early. |
| 18 | — | — | — | — | — | ·6 | ·6 | 1·0 | ·8 | ·7 | ·1 | ·1 | — | — | — | — | — | 3·9 | Fair. |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●[2] early ; overcast and misty all day. |
| 20 | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | 0·1 | ≋[9], dull, and ● at night. |
| 21 | — | — | — | — | — | — | — | — | ·3 | ·6 | 1·0 | ·6 | — | — | — | — | — | 2·5 | ● 3h.–9h.; fine afternoon, with Ely. breeze. |
| 22 | — | — | — | — | — | ·3 | ·6 | ·9 | ·9 | ·8 | — | — | — | — | — | — | — | 3·5 | Fair during day, dull later. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 24 | — | — | — | — | — | — | — | — | — | ·3 | — | — | — | — | — | — | — | 0·3 | Cloudy most of day. |
| 25 | — | — | — | — | — | — | ·1 | ·1 | ·6 | ·7 | ·8 | 1·0 | — | — | — | — | — | 3·3 | Fair to fine. |
| 26 | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | ·6 | ·1 | ·1 | — | — | — | — | — | — | 4·5 | Fine to fair ; keen, dry Nly. wind. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy, with ≋[9] and ●. |
| 28 | — | — | — | — | — | — | ·4 | — | — | — | — | — | — | — | — | — | — | 0·4 | ≋, ● ; overcast nearly all day. |
| 29 | — | — | — | — | — | ·1 | — | ·2 | ·2 | — | — | — | — | — | — | — | — | 0·5 | ● early ; fair to dull. |
| 30 | — | — | — | — | — | ·8 | 1·0 | 1·0 | ·2 | ·4 | ·8 | ·6 | ·5 | — | — | — | — | 5·3 | ⊕ at 11h. and 14h. ; fine most of day. |
| 31 | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | — | 7·6 | Fine throughout. |
| | — | — | — | — | — | ·5 | ·1 | — | ·4 | ·6 | — | — | — | — | — | — | — | 1·6 | Fair during day ; ≋ at night. |
| | — | — | — | — | 2·2 | 5·6 | 8·8 | 12·9 | 13·9 | 15·0 | 15·6 | 16·2 | 14·9 | 3·3 | — | — | — | 108·4 | Total. |
| | — | — | — | 0·83 | 5·55 | 9·17 | 11·21 | 12·12 | 11·94 | 11·99 | 11·95 | 9·74 | 6·50 | 1·29 | — | — | — | 92·32 | Mean Total, 1881–1905. |

## TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. OCTOBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | |
| 1 | 57·0 | 55·7 | 54·0 | 53·1 | 53·0 | 52·3 | 54·6 | 56·2 | 57·5 | 59·3 | 61·7 | 66·6 | 70·1 | 71·7 | 73·3 | 74·9 | 74·0 | 72·1 | 67·9 | 64·1 | 62·0 | 59·7 | 58·4 | 57·0 | 55·0 | 61·9 |
| 2 | 55·0 | 54·4 | 53·6 | 52·2 | 52·8 | 52·7 | 52·9 | 53·6 | 55·3 | 57·0 | 58·8 | 62·1 | 67·1 | 71·0 | 75·3 | 75·9 | 74·7 | 72·0 | 66·4 | *62·2* | *59·8* | *58·1* | 57·2 | *55·5* | *54·4* | 60·6 |
| 3 | *54·4* | *53·3* | *52·1* | *51·0* | *50·2* | *50·0* | *50·0* | *50·4* | *51·5* | *53·6* | 56·8 | *60·0* | 65·0 | *73·0* | 75·3 | *74·2* | 73·7 | 71·3 | 65·0 | 63·1 | 60·6 | 57·5 | 55·9 | 54·6 | 53·0 | 59·2 |
| 4 | 53·0 | 52·0 | 52·8 | 53·1 | 53·0 | 53·0 | 51·7 | 52·1 | 52·6 | 53·7 | 55·1 | 59·1 | 64·1 | 69·1 | 70·6 | 71·6 | 71·7 | 69·9 | 63·9 | 60·5 | 57·8 | 56·4 | 55·4 | 54·4 | 54·2 | 58·7 |
| 5 | 54·2 | 53·9 | 52·9 | 52·6 | 52·2 | 54·0 | 54·7 | 55·1 | 56·7 | 58·6 | 59·6 | 59·6 | 59·6 | 61·0 | 60·7 | 60·4 | 60·6 | 59·0 | 57·5 | 56·8 | 56·6 | 55·9 | 55·0 | 54·8 | 54·1 | 56·7 |
| 6 | 54·1 | 54·9 | 53·9 | 53·0 | 51·9 | 51·1 | 51·1 | 51·3 | 54·1 | 56·9 | 58·5 | 61·3 | 63·7 | 64·3 | 64·5 | 64·0 | 62·2 | 59·9 | 56·9 | 54·7 | 53·5 | 52·0 | 49·9 | 51·0 | 49·3 | 56·1 |
| 7 | 49·3 | 47·2 | 44·4 | 44·1 | 43·8 | 45·2 | 47·1 | 48·7 | 49·1 | 49·4 | 51·4 | 54·7 | 59·6 | 62·8 | 64·9 | 65·7 | 65·6 | 64·0 | 58·6 | 58·0 | 56·2 | 55·0 | 55·4 | 56·5 | 56·7 | 54·2 |
| 8 | 56·7 | 56·7 | 56·8 | 56·8 | 56·6 | 56·3 | 56·3 | 56·7 | 57·4 | 58·9 | 59·6 | 60·0 | 62·1 | 62·8 | 63·3 | 64·3 | 64·4 | 61·7 | 59·7 | 58·1 | 57·7 | 57·0 | 56·7 | 58·0 | 60·0 | 59·1 |
| 9 | 60·0 | 60·1 | 59·5 | 60·2 | 60·2 | 60·3 | 60·3 | 61·5 | 62·0 | 63·1 | 64·0 | 65·0 | 64·6 | 64·3 | 64·1 | 64·0 | 63·0 | 61·9 | 61·0 | 60·0 | 60·2 | 60·0 | 60·0 | 59·8 | 60·0 | 61·7 |
| 10 | 60·0 | 59·1 | 56·9 | 56·5 | 56·0 | 55·9 | 55·2 | 54·9 | 55·1 | 55·9 | 57·9 | 59·9 | 62·0 | 62·9 | 61·8 | 64·3 | 62·3 | 61·1 | 58·1 | 55·0 | 54·5 | 53·1 | 52·7 | 52·0 | 50·6 | 57·5 |
| 11 | 50·6 | 49·3 | 49·6 | 48·2 | 46·9 | 48·0 | 46·9 | 46·1 | 48·1 | 51·9 | 55·3 | 58·7 | 60·3 | 61·4 | 62·0 | 62·8 | 61·5 | 58·0 | 54·0 | 52·7 | 51·1 | 51·1 | 50·3 | 49·0 | 47·2 | 53·0 |
| 12 | 47·2 | 47·6 | 45·9 | 49·3 | 50·4 | 50·4 | 48·0 | 48·9 | 50·0 | 56·1 | 59·4 | 61·3 | 63·2 | 65·3 | 65·0 | 65·0 | 63·1 | 60·2 | 57·6 | 56·5 | 55·4 | 54·7 | 53·0 | 53·4 | 54·3 | 55·4 |
| 13 | 54·3 | 55·0 | 55·7 | 56·0 | 55·5 | 55·7 | 55·3 | 55·0 | 54·7 | 55·0 | 55·9 | 57·4 | 58·9 | 60·7 | 61·0 | 62·3 | 61·8 | 59·9 | 58·0 | 56·1 | 56·0 | 56·0 | 55·0 | 54·9 | 51·9 | 56·9 |
| 14 | 51·0 | 54·1 | 54·7 | 54·3 | 54·4 | 54·3 | 54·1 | 54·0 | 54·2 | 55·0 | 55·1 | 56·9 | 58·4 | 60·0 | 60·7 | 63·3 | 63·1 | 60·1 | 57·6 | 57·1 | 55·0 | 53·1 | 50·7 | 49·2 | 48·0 | 55·8 |
| 15 | 48·0 | 46·9 | 47·2 | 49·6 | 49·0 | 48·4 | 51·0 | 52·2 | 52·9 | 53·6 | 56·0 | 62·3 | 66·9 | 68·9 | 69·4 | 68·4 | 66·5 | 63·0 | 60·2 | 59·2 | 58·6 | 57·7 | 56·3 | 56·0 | 55·6 | 57·2 |
| 16 | 55·6 | 55·2 | 54·6 | 54·6 | 54·3 | 53·9 | 53·5 | 53·6 | 55·8 | 57·1 | 59·1 | 61·0 | 62·0 | 61·1 | 61·2 | 60·2 | 59·0 | 57·7 | 57·1 | 57·2 | 57·0 | 57·1 | 56·9 | 57·0 | 56·9 | 57·2 |
| 17 | 56·0 | 56·9 | 56·3 | 55·8 | 55·9 | 56·0 | 55·8 | 55·9 | 56·1 | 57·6 | 58·6 | 59·6 | 60·4 | 61·9 | 62·6 | 62·9 | 62·5 | 61·1 | 59·0 | 57·8 | 57·8 | 58·6 | 58·5 | 56·9 | 55·6 | 58·4 |
| 18 | 55·7 | 54·0 | 54·0 | 53·7 | 53·9 | 54·2 | 54·3 | 54·7 | 55·8 | 57·0 | 60·0 | 62·0 | 62·6 | 63·0 | 62·6 | 62·5 | 62·1 | 59·6 | 57·8 | 56·5 | 55·3 | 55·1 | 55·3 | 54·9 | 54·2 | 57·3 |
| 19 | 54·2 | 55·3 | 55·7 | 55·7 | 55·4 | 55·0 | 54·9 | 55·1 | 55·3 | 56·0 | 56·2 | 57·0 | 57·7 | 59·3 | 60·0 | 59·9 | 59·0 | 57·7 | 56·3 | 56·2 | 55·8 | 55·1 | 54·9 | 54·9 | 53·2 | 56·3 |
| 20 | 53·2 | 52·9 | 53·0 | 52·9 | 53·0 | 52·3 | 51·2 | 50·6 | 50·2 | 50·0 | 50·3 | 50·6 | 51·0 | 50·7 | 52·2 | 52·1 | 52·0 | 51·7 | 50·9 | 50·0 | 49·1 | 49·0 | 48·7 | 48·9 | 47·6 | 51·0 |
| 21 | 47·6 | 47·3 | 46·9 | 46·9 | 46·3 | 45·6 | 44·4 | 43·4 | 42·7 | 42·2 | 43·0 | 44·6 | 45·2 | 46·6 | 47·3 | 48·2 | 47·0 | 46·9 | 45·9 | 45·0 | 44·0 | 43·6 | 43·7 | 43·1 | 42·0 | 45·2 |
| 22 | 42·0 | 41·0 | 39·6 | 39·9 | 40·0 | 40·0 | 39·7 | 41·0 | 42·3 | 44·3 | 46·7 | 48·2 | 47·0 | 47·4 | 47·7 | 46·9 | 46·9 | 47·0 | 46·7 | 46·0 | 47·0 | 47·1 | 46·9 | 46·8 | 46·6 | 44·6 |
| 23 | 46·6 | 46·7 | 45·2 | 43·9 | 43·1 | 43·1 | 43·2 | 43·8 | 44·3 | 44·4 | 47·1 | 48·5 | 49·8 | 49·9 | 49·3 | 49·9 | 50·1 | 49·0 | 47·7 | 46·0 | 44·0 | 42·7 | 41·6 | 40·7 | 39·1 | 45·7 |
| 24 | 39·1 | 39·0 | 38·6 | 38·9 | 41·7 | 43·0 | 42·3 | 41·7 | 41·9 | 44·1 | 44·3 | 45·3 | 45·3 | 45·0 | 43·1 | 45·1 | 43·6 | 41·3 | 39·7 | 38·3 | 36·6 | 36·3 | 36·6 | 37·3 | 34·9 | 41·1 |
| 25 | 34·1 | 34·1 | 34·0 | 33·5 | 35·5 | 35·7 | 35·2 | 34·5 | 36·0 | 39·0 | 41·9 | 45·0 | 46·0 | 46·9 | 46·9 | 46·8 | 45·9 | 43·3 | 45·8 | 46·3 | 46·6 | 47·6 | 47·8 | 46·9 | 46·8 | 41·9 |
| 26 | 46·8 | 47·6 | 48·0 | 48·8 | 48·2 | 49·3 | 50·1 | 51·6 | 51·1 | 51·1 | 50·7 | 50·5 | 50·0 | 49·8 | 49·9 | 50·5 | 50·4 | 49·0 | 47·4 | 46·3 | 46·0 | 45·1 | 45·6 | 45·7 | 45·6 | 48·9 |
| 27 | 45·6 | 46·2 | 46·8 | 46·9 | 47·0 | 47·0 | 47·7 | 46·9 | 45·0 | 45·9 | 46·3 | 49·0 | 49·5 | 49·0 | 47·9 | 46·5 | 46·0 | 44·3 | 43·3 | 42·1 | 41·7 | 40·9 | 39·0 | 37·5 | 37·9 | 45·2 |
| 28 | 37·9 | 39·3 | 41·3 | 42·8 | 43·3 | 44·7 | 45·5 | 46·0 | 47·1 | 50·9 | 56·3 | 58·2 | 59·6 | 60·3 | 60·3 | 59·9 | 59·4 | 57·3 | 57·0 | 55·2 | 55·1 | 55·8 | 56·6 | 56·8 | 55·3 | 52·3 |
| 29 | 55·3 | 53·6 | 53·0 | 53·0 | 50·2 | 50·3 | 48·0 | 48·3 | 51·2 | 55·0 | 57·8 | 60·0 | 61·0 | 63·3 | 63·9 | 64·3 | 62·0 | 57·3 | 56·6 | 55·5 | 53·2 | 54·3 | 53·3 | 53·0 | 50·3 | 55·5 |
| 30 | 50·3 | 50·0 | 49·7 | 47·0 | 44·9 | 44·0 | 42·3 | 42·9 | 44·1 | 48·8 | 53·3 | 57·4 | 61·3 | 62·9 | 63·8 | 63·0 | 61·1 | 58·0 | 56·0 | 53·2 | 52·9 | 53·1 | 53·4 | 52·0 | 52·4 | 52·8 |
| 31 | 52·4 | 52·4 | 52·9 | 53·6 | 53·9 | 54·6 | 51·0 | 51·2 | 53·2 | 56·0 | 57·5 | 58·6 | 59·3 | 60·1 | 60·5 | 59·6 | 57·4 | 55·5 | 52·8 | 52·2 | 50·0 | 49·2 | 47·9 | 48·1 | 47·9 | 54·1 |
| Mean ... | 51·0 | 50·7 | 50·3 | 50·3 | 50·1 | 50·2 | 50·0 | 50·3 | 51·1 | 52·8 | 54·7 | 56·8 | 58·5 | 59·9 | 60·4 | 60·6 | 59·8 | 57·9 | 55·7 | 54·3 | 53·2 | 52·6 | 51·9 | 51·5 | 50·7 | 53·9 |
| Mean, 1871–1905. | 46·9 | 46·6 | 46·2 | 46·0 | 45·8 | 45·6 | 45·4 | 45·7 | 46·6 | 48·6 | 50·4 | 52·2 | 53·2 | 54·1 | 54·2 | 54·1 | 53·3 | 51·9 | 50·4 | 49·5 | 48·7 | 48·2 | 47·6 | 47·2 | 46·7 | 49·0 |

## TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). OCTOBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 97 | 95 | 95 | 97 | 99 | 98 | 96 | 98 | 97 | 98 | 95 | 87 | 77 | 73 | 71 | 68 | 67 | 76 | 87 | 97 | 96 | 96 | 98 | 96 | 97 | 89·7 |
| 2 | 97 | 97 | 97 | 98 | 96 | 96 | 96 | 97 | 97 | 96 | 95 | 93 | 84 | 79 | 60 | 59 | 67 | 71 | 86 | *95* | *99* | *99* | *100* | *100* | *100* | 89·8 |
| 3 | *100* | *99* | *98* | *99* | *99* | *98* | *98* | *98* | *97* | *97* | 96 | *92* | 87 | *63* | 56 | *60* | 65 | 71 | 88 | 93 | 96 | 96 | 97 | 95 | 96 | 89·0 |
| 4 | 96 | 95 | 94 | 97 | 97 | 97 | 96 | 96 | 97 | 96 | 96 | 94 | 87 | 72 | 72 | 67 | 66 | 73 | 92 | 97 | 96 | 97 | 97 | 97 | 98 | 90·2 |
| 5 | 98 | 97 | 96 | 96 | 98 | 97 | 96 | 96 | 97 | 95 | 96 | 93 | 93 | 92 | 86 | 82 | 83 | 79 | 80 | 83 | 83 | 83 | 85 | 87 | 88 | 89 | 90·0 |
| 6 | 89 | 88 | 87 | 88 | 89 | 90 | 86 | 81 | 74 | 68 | 65 | 60 | 62 | 61 | 63 | 68 | 71 | 79 | 83 | 86 | 92 | 94 | 90 | 96 | 96 | 79·5 |
| 7 | 96 | 96 | 96 | 96 | 95 | 96 | 94 | 95 | 96 | 96 | 89 | 79 | 76 | 73 | 72 | 76 | 79 | 92 | 92 | 95 | 96 | 97 | 96 | 95 | 96 | 90·1 |
| 8 | 95 | 96 | 95 | 95 | 96 | 97 | 97 | 95 | 94 | 92 | 91 | 94 | 87 | 86 | 86 | 85 | 84 | 89 | 91 | 92 | 95 | 93 | 95 | 92 | 90 | 92·1 |
| 9 | 90 | 87 | 89 | 90 | 91 | 93 | 96 | 91 | 91 | 88 | 86 | 83 | 84 | 87 | 87 | 86 | 92 | 95 | 96 | 95 | 97 | 96 | 96 | 96 | 96 | 91·0 |
| 10 | 96 | 95 | 93 | 94 | 93 | 91 | 93 | 94 | 92 | 88 | 84 | 75 | 69 | 68 | 71 | 70 | 75 | 75 | 80 | 81 | 82 | 86 | 89 | 90 | 91 | 84·3 |
| 11 | 91 | 93 | 93 | 94 | 94 | 94 | 94 | 95 | 92 | 90 | 85 | 77 | 75 | 70 | 69 | 68 | 69 | 74 | 81 | 88 | 91 | 91 | 92 | 95 | 97 | 85·7 |
| 12 | 97 | 96 | 95 | 96 | 97 | 96 | 97 | 95 | 97 | 93 | 90 | 81 | 70 | 68 | 65 | 61 | 66 | 66 | 73 | 78 | 81 | 83 | 89 | 92 | 92 | 84·2 |
| 13 | 92 | 93 | 94 | 93 | 94 | 94 | 93 | 94 | 95 | 93 | 92 | 88 | 84 | 84 | 82 | 80 | 78 | 85 | 88 | 92 | 93 | 94 | 94 | 94 | 96 | 90·2 |
| 14 | 96 | 95 | 95 | 97 | 97 | 96 | 93 | 89 | 91 | 89 | 87 | 87 | 84 | 82 | 80 | 77 | 73 | 82 | 90 | 91 | 96 | 96 | 95 | 97 | 96 | 89·8 |
| 15 | 95 | 95 | 98 | 95 | 99 | 97 | 96 | 98 | 96 | 97 | 95 | 90 | 64 | 53 | 55 | 55 | 58 | 64 | 72 | 77 | 85 | 89 | 91 | 91 | 92 | 83·5 |
| 16 | 92 | 90 | 89 | 88 | 90 | 91 | 92 | 92 | 91 | 88 | 87 | 82 | 79 | 80 | 80 | 81 | 83 | 85 | 86 | 87 | 87 | 87 | 86 | 88 | 88 | 86·7 |
| 17 | 89 | 89 | 92 | 94 | 94 | 93 | 94 | 95 | 95 | 94 | 94 | 90 | 87 | 88 | 84 | 83 | 82 | 88 | 94 | 94 | 94 | 96 | 94 | 95 | 96 | 91·5 |
| 18 | 96 | 96 | 97 | 96 | 97 | 97 | 97 | 96 | 95 | 94 | 90 | 83 | 78 | 76 | 72 | 73 | 75 | 79 | 86 | 83 | 85 | 86 | 82 | 88 | 93 | 87·3 |
| 19 | 93 | 90 | 89 | 89 | 91 | 93 | 94 | 93 | 93 | 93 | 93 | 91 | 92 | 91 | 88 | 89 | 89 | 89 | 92 | 92 | 92 | 91 | 88 | 86 | 90 | 90·8 |
| 20 | 90 | 89 | 86 | 87 | 86 | 85 | 86 | 86 | 86 | 85 | 85 | 84 | 86 | 84 | 83 | 83 | 85 | 82 | 82 | 80 | 86 | 85 | 87 | 84 | 91 | 84·7 |
| 21 | 91 | 91 | 93 | 93 | 93 | 90 | 89 | 90 | 89 | 90 | 83 | 69 | 70 | 68 | 65 | 62 | 65 | 67 | 66 | 68 | 70 | 69 | 68 | 66 | 71 | 77·3 |
| 22 | 71 | 72 | 76 | 76 | 76 | 78 | 80 | 78 | 80 | 76 | 71 | 68 | 69 | 67 | 68 | 68 | 69 | 72 | 75 | 74 | 73 | 73 | 76 | 75 | 77 | 73·5 |
| 23 | 77 | 76 | 81 | 80 | 85 | 84 | 85 | 81 | 82 | 83 | 74 | 72 | 67 | 67 | 72 | 69 | 67 | 69 | 75 | 82 | 87 | 88 | 90 | 90 | 95 | 78·9 |
| 24 | 95 | 95 | 95 | 93 | 90 | 87 | 88 | 86 | 86 | 82 | 83 | 77 | 79 | 73 | 73 | 62 | 54 | 63 | 70 | 74 | 78 | 84 | 85 | 83 | 90 | 80·5 |
| 25 | 90 | 87 | 88 | 80 | 81 | 79 | 79 | 78 | 76 | 74 | 72 | 65 | 62 | 63 | 67 | 66 | 72 | 74 | 72 | 72 | 73 | 73 | 76 | 86 | 88 | 75·2 |
| 26 | 88 | 89 | 91 | 91 | 94 | 93 | 94 | 94 | 96 | 96 | 94 | 91 | 94 | 94 | 94 | 91 | 90 | 88 | 89 | 86 | 89 | 87 | 84 | 82 | 84 | 90·7 |
| 27 | 84 | 83 | 76 | 80 | 77 | 75 | 75 | 77 | 89 | 91 | 92 | 94 | 80 | 80 | 93 | 90 | 91 | 94 | 95 | 90 | 91 | 94 | 95 | 95 | 95 | 86·3 |
| 28 | 95 | 95 | 92 | 93 | 96 | 96 | 97 | 97 | 98 | 98 | 94 | 90 | 88 | 89 | 92 | 93 | 95 | 95 | 99 | 100 | 97 | 96 | 94 | 97 | 95·0 | |
| 29 | 97 | 96 | 100 | 99 | 100 | 98 | 100 | 99 | 98 | 91 | 83 | 76 | 75 | 70 | 68 | 70 | 68 | 84 | 83 | 82 | 87 | 80 | 85 | 85 | 93 | 86·3 |
| 30 | 93 | 94 | 95 | 95 | 95 | 100 | 98 | 93 | 98 | 93 | 87 | 81 | 79 | 73 | 75 | 76 | 81 | 86 | 89 | 96 | 95 | 94 | 96 | 96 | 100 | 90·0 |
| 31 | 97 | 97 | 100 | 98 | 98 | 98 | 100 | 100 | 99 | 95 | 89 | 84 | 80 | 81 | 80 | 84 | 90 | 96 | 98 | 99 | 100 | 99 | 99 | 99 | 100 | 94·2 |
| Mean ... | 92·4 | 91·8 | 92·1 | 92·2 | 92·8 | 92·5 | 92·7 | 92·0 | 92·2 | 90·5 | 87·9 | 83·5 | 79·0 | 75·9 | 74·9 | 74·0 | 75·5 | 79·3 | 84·5 | 86·8 | 88·7 | 89·2 | 90·2 | 90·4 | 92·5 | 86·7 |
| Mean, 1886–1905. | 89·8 | 89·8 | 90·5 | 90·5 | 91·2 | 91·1 | 91·3 | 90·5 | 89·1 | 85·6 | 82·1 | 77·9 | 74·8 | 72·9 | 71·8 | 72·3 | 74·7 | 78·9 | 82·9 | 85·1 | 87·2 | 87·4 | 88·4 | 88·9 | 89·7 | 84·4 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. NOVEMBER, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern, 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{\frac{1}{2}1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

VALENCIA. DAILY EXTREMES of PRESSURE and TEMPERATURE. NOVEMBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·901 | 9·837 | 58·4 | 54·5 | 9 | 9·674 | 9·589 | 52·6 | 43·5 | 17 | **0·415** | 0·223 | 52·7 | 49·3 | 25 | 0·051 | 9·956 | 51·8 | 44·9 |
| 2 | 9·895 | 9·751 | 60·5 | 54·6 | 10 | 9·605 | 9·466 | 55·3 | 50·9 | 18 | 0·394 | 0·168 | 53·8 | 49·6 | 26 | 0·159 | 0·010 | 52·1 | 50·1 |
| 3 | 9·771 | 9·774 | **60·6** | 56·7 | 11 | 9·669 | **9·351** | 58·8 | 51·3 | 19 | 0·264 | 0·149 | 52·2 | 48·3 | 27 | 0·010 | 9·481 | 54·8 | 51·0 |
| 4 | 9·843 | 9·837 | 59·2 | 48·8 | 12 | 9·783 | 9·616 | 56·3 | 50·6 | 20 | 0·232 | 0·117 | 53·1 | 48·6 | 28 | 0·059 | 9·479 | 54·9 | 41·5 |
| 5 | 9·993 | 9·989 | 56·7 | 49·7 | 13 | 9·833 | 9·438 | 52·6 | 40·5 | 21 | 0·212 | 9·795 | 55·1 | 48·7 | 29 | 0·312 | 0·059 | 47·2 | 35·7 |
| 6 | 9·011 | 9·946 | 56·7 | 49·7 | 14 | 0·209 | 9·833 | 53·4 | 41·6 | 22 | 9·955 | 9·676 | 54·6 | 49·4 | 30 | 0·297 | 0·193 | 53·5 | **34·8** |
| 7 | 9·949 | 9·875 | 55·6 | 50·4 | 15 | 0·207 | 0·138 | 53·0 | 42·2 | 23 | 0·151 | 9·955 | 54·0 | 49·8 | | | | | |
| 8 | 9·639 | 9·564 | 49·9 | 40·0 | 16 | 0·223 | 0·062 | 53·6 | 51·1 | 24 | 9·994 | 9·709 | 55·6 | 45·8 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 54·5 | 47·4 |

## TABLE II.

VALENCIA. PRESSURE IN ENGLISH INCHES, First figure omitted. NOVEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·892 | 9·884 | 9·876 | 9·864 | 9·861 | 9·856 | 9·853 | 9·857 | 9·861 | 9·865 | 9·862 | 9·858 | 9·857 | 9·850 | 9·837 | 9·840 | 9·844 | 9·849 | 9·855 | 9·873 | 9·881 | 9·889 | 9·896 | 9·901 | 9·895 | 9·865 |
| 2 | 9·895 | 9·893 | 9·886 | 9·885 | 9·875 | 9·869 | 9·867 | 9·846 | 9·844 | 9·872 | 9·860 | 9·859 | 9·848 | 9·828 | 9·814 | 9·797 | 9·774 | 9·766 | 9·766 | 9·763 | 9·751 | 9·783 | 9·773 | 9·771 | 9·826 | |
| 3 | 9·771 | 9·774 | 9·753 | 9·754 | 9·748 | 9·754 | 9·761 | 9·780 | 9·789 | 9·814 | 9·818 | 9·821 | 9·824 | 9·810 | 9·789 | 9·798 | 9·799 | 9·799 | 9·810 | 9·815 | 9·824 | 9·835 | 9·839 | 9·841 | 9·843 | 9·798 |
| 4 | 9·843 | 9·837 | 9·844 | 9·842 | 9·839 | 9·844 | 9·848 | 9·869 | 9·889 | 9·895 | 9·910 | 9·914 | 9·911 | 9·911 | 9·909 | 9·918 | 9·920 | 9·931 | 9·939 | 9·950 | 9·960 | 9·978 | 9·989 | 9·989 | 9·993 | 9·960 |
| 5 | 9·993 | 9·989 | 9·979 | 9·969 | 9·971 | 9·980 | 9·987 | 9·986 | 9·999 | 0·006 | 0·007 | 9·998 | 9·988 | 9·986 | 9·973 | 9·968 | 9·959 | 9·958 | 9·967 | 9·972 | 9·965 | 9·966 | 9·958 | 9·955 | 9·949 | 9·977 |
| 6 | 9·949 | 9·943 | 9·935 | 9·932 | 9·927 | 9·924 | 9·915 | 9·918 | 9·920 | 9·927 | 9·929 | 9·936 | 9·928 | 9·923 | 9·917 | 9·913 | 9·907 | 9·918 | 9·917 | 9·916 | 9·905 | 9·897 | 9·896 | 9·889 | 9·875 | 9·919 |
| 7 | 9·875 | 9·855 | 9·827 | 9·805 | 9·788 | 9·773 | 9·757 | 9·742 | 9·743 | 9·724 | 9·715 | 9·709 | 9·682 | 9·667 | 9·640 | 9·625 | 9·617 | 9·609 | 9·598 | 9·599 | 9·595 | 9·585 | 9·582 | 9·581 | 9·590 | 9·690 |
| 8 | 9·590 | 9·580 | 9·575 | 9·569 | 9·564 | 9·571 | 9·575 | 9·582 | 9·598 | 9·599 | 9·600 | 9·603 | 9·596 | 9·594 | 9·586 | 9·587 | 9·587 | 9·599 | 9·614 | 9·622 | 9·627 | 9·623 | 9·629 | 9·639 | 9·638 | 9·597 |
| 9 | 9·638 | 9·635 | 9·636 | 9·638 | 9·634 | 9·635 | 9·643 | 9·657 | 9·659 | 9·667 | 9·673 | 9·674 | 9·665 | 9·658 | 9·650 | 9·634 | 9·632 | 9·635 | 9·639 | 9·629 | 9·619 | 9·615 | 9·614 | 9·598 | 9·593 | 9·640 |
| 10 | 9·593 | 9·576 | 9·554 | 9·539 | 9·514 | 9·505 | 9·476 | 9·470 | 9·479 | 9·474 | 9·476 | 9·491 | 9·497 | 9·496 | 9·498 | 9·499 | 9·504 | 9·530 | 9·556 | 9·571 | 9·585 | 9·596 | 9·603 | 9·605 | 9·599 | 9·528 |
| 11 | 9·599 | 9·588 | 9·583 | 9·579 | 9·595 | 9·552 | 9·531 | 9·524 | 9·505 | 9·484 | 9·444 | 9·386 | 9·377 | 9·351 | 9·357 | 9·358 | 9·372 | 9·400 | 9·440 | 9·475 | 9·529 | 9·570 | 9·612 | 9·642 | 9·669 | 9·494 |
| 12 | 9·666 | 9·696 | 9·715 | 9·729 | 9·738 | 9·750 | 9·752 | 9·751 | 9·761 | 9·769 | 9·762 | 9·753 | 9·737 | 9·716 | 9·690 | 9·654 | 9·630 | 9·630 | 9·629 | 9·659 | 9·695 | 9·719 | 9·754 | 9·774 | 9·783 | 9·716 |
| 13 | 9·783 | 9·799 | 9·811 | 9·814 | 9·823 | 9·815 | 9·811 | 9·805 | 9·803 | 9·794 | 9·797 | 9·780 | 9·718 | 9·666 | 9·605 | 9·505 | 9·517 | 9·502 | 9·457 | 9·486 | 9·603 | 9·601 | 9·761 | 9·802 | 9·833 | 9·707 |
| 14 | 9·833 | 9·861 | 9·886 | 9·922 | 9·944 | 9·969 | 9·990 | 0·020 | 0·057 | 0·088 | 0·107 | 0·117 | 0·127 | 0·124 | 0·113 | 0·126 | 0·150 | 0·151 | 0·174 | 0·180 | 0·191 | 0·186 | 0·187 | 0·201 | 0·207 | 0·079 |
| 15 | 0·207 | 0·202 | 0·197 | 0·186 | 0·177 | 0·171 | 0·166 | 0·180 | 0·186 | 0·197 | 0·197 | 0·200 | 0·186 | 0·179 | 0·175 | 0·169 | 0·166 | 0·167 | 0·165 | 0·159 | 0·150 | 0·158 | 0·150 | 0·141 | 0·143 | 0·175 |
| 16 | 0·143 | 0·127 | 0·111 | 0·106 | 0·099 | 0·083 | 0·078 | 0·071 | 0·069 | 0·067 | 0·079 | 0·084 | 0·082 | 0·086 | 0·103 | 0·111 | 0·119 | 0·124 | 0·131 | 0·146 | 0·165 | 0·176 | 0·195 | 0·210 | 0·223 | 0·117 |
| 17 | 0·223 | 0·239 | 0·251 | 0·259 | 0·260 | 0·279 | 0·301 | 0·310 | 0·325 | 0·343 | 0·365 | 0·370 | 0·375 | 0·385 | 0·369 | 0·371 | 0·375 | 0·392 | 0·401 | 0·406 | 0·412 | 0·410 | 0·403 | 0·398 | 0·394 | 0·346 |
| 18 | 0·394 | 0·385 | 0·372 | 0·363 | 0·351 | 0·340 | 0·317 | 0·303 | 0·311 | 0·310 | 0·284 | 0·281 | 0·265 | 0·237 | 0·223 | 0·209 | 0·196 | 0·204 | 0·208 | 0·199 | 0·193 | 0·186 | 0·189 | 0·182 | 0·168 | 0·266 |
| 19 | 0·168 | 0·158 | 0·152 | 0·151 | 0·149 | 0·153 | 0·173 | 0·190 | 0·204 | 0·233 | 0·245 | 0·259 | 0·258 | 0·257 | 0·264 | 0·258 | 0·258 | 0·257 | 0·248 | 0·243 | 0·229 | 0·220 | 0·199 | 0·192 | 0·184 | 0·214 |
| 20 | 0·184 | 0·164 | 0·152 | 0·144 | 0·147 | 0·143 | 0·122 | 0·141 | 0·153 | 0·162 | 0·162 | 0·163 | 0·173 | 0·157 | 0·158 | 0·167 | 0·168 | 0·181 | 0·196 | 0·197 | 0·199 | 0·216 | 0·208 | 0·204 | 0·208 | 0·170 |
| 21 | 0·208 | 0·209 | 0·190 | 0·186 | 0·163 | 0·168 | 0·157 | 0·148 | 0·147 | 0·121 | 0·098 | 0·091 | 0·037 | 9·973 | 9·914 | 9·886 | 9·871 | 9·877 | 9·872 | 9·870 | 9·854 | 9·840 | 9·816 | 9·808 | 9·795 | 0·012 |
| 22 | 9·795 | 9·789 | 9·768 | 9·760 | 9·736 | 9·720 | 9·701 | 9·694 | 9·681 | 9·688 | 9·705 | 9·714 | 9·716 | 9·723 | 9·730 | 9·745 | 9·771 | 9·789 | 9·804 | 9·825 | 9·843 | 9·871 | 9·899 | 9·931 | 9·955 | 9·770 |
| 23 | 9·955 | 9·981 | 0·006 | 0·033 | 0·051 | 0·055 | 0·073 | 0·091 | 0·106 | 0·125 | 0·137 | 0·147 | 0·148 | 0·137 | 0·127 | 0·112 | 0·094 | 0·087 | 0·076 | 0·057 | 0·046 | 0·027 | 0·011 | 0·005 | 9·994 | 0·071 |
| 24 | 9·994 | 9·977 | 9·960 | 9·941 | 9·922 | 9·907 | 9·886 | 9·868 | 9·832 | 9·824 | 9·803 | 9·785 | 9·759 | 9·742 | 9·757 | 9·759 | 9·792 | 9·822 | 9·862 | 9·891 | 9·904 | 9·926 | 9·938 | 9·962 | 9·968 | 9·867 |
| 25 | 9·968 | 9·973 | 9·985 | 9·976 | 9·982 | 9·977 | 9·958 | 9·969 | 9·958 | 9·974 | 9·988 | 9·985 | 9·981 | 9·979 | 9·975 | 9·980 | 9·989 | 9·995 | 9·996 | 0·007 | 0·013 | 0·022 | 0·037 | 0·042 | 0·051 | 9·990 |
| 26 | 0·051 | 0·063 | 0·061 | 0·067 | 0·074 | 0·095 | 0·091 | 

VALENCIA. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10 | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 12 | 20 | 13 | 18 | 13 | 20 | 12 | 18 | 12 | 18 | 13 | 19 | 12 | 18 | 12 | 19 | 12 | 19 | 12 | 19 | 12 | 21 | 14 | 24 |
| 2 | 12 | 9 | 10 | 12 | 8 | 12 | 8 | 12 | 8 | 15 | 8 | 18 | 8 | 24 | 9 | 21 | 9 | 12 | 11 | 17 | 9 | 14 | 10 | 17 |
| 3 | 7 | 7 | 9 | 10 | 10 | 12 | 9 | 7 | 9 | 10 | 9 | 12 | 11 | 7 | 11 | 10 | 11 | 10 | 10 | 10 | 8 | 13 | 8 | 10 |
| 4 | 10 | 7 | — | 3 | 11 | 6 | — | 2 | — | 2 | — | 3 | — | 3 | — | 1 | — | 2 | — | 1 | — | 0 | — | 1 |
| 5 | 7 | 9 | 8 | 9 | 9 | 10 | 9 | 8 | 9 | 4 | — | 3 | 8 | 12 | 8 | 5 | 8 | 7 | 8 | 5 | 8 | 7 | 10 | 8 |
| 6 | 10 | 9 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 12 | 10 | 12 | 10 | 10 | 8 | 10 | 9 | 9 | 9 | 10 | 10 | 9 | 10 | 8 |
| 7 | 8 | 10 | 8 | 9 | 8 | 10 | 8 | 12 | 7 | 12 | 9 | 14 | 8 | 15 | 8 | 12 | 7 | 10 | 7 | 6 | 8 | 5 | 8 | 5 |
| 8 | 7 | 14 | 7 | 12 | 7 | 12 | 8 | 11 | 1 | 6 | — | 2 | — | 3 | — | 0 | — | 2 | — | 2 | — | 2 | 5 | 4 |
| 9 | 7 | 12 | 7 | 12 | 7 | 10 | 7 | 9 | 8 | 9 | 8 | 10 | 9 | 12 | 9 | 10 | 9 | 9 | 10 | 10 | 11 | 10 | 11 | 10 |
| 10 | 12 | 24 | 12 | 23 | 12 | 25 | 12 | 23 | 12 | 22 | 12 | 23 | 13 | 21 | 14 | 16 | 15 | 12 | 15 | 13 | 17 | 10 | 18 | 12 |
| 11 | 15 | 13 | 15 | 14 | 15 | 15 | 15 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 18 | 15 | 19 | 15 | 19 | 15 | 22 | 15 | 23 |
| 12 | 21 | 10 | 20 | 10 | 19 | 7 | 18 | 7 | 19 | 10 | 19 | 8 | 18 | 7 | 18 | 7 | 16 | 9 | 15 | 8 | 15 | 12 | 15 | 12 |
| 13 | — | 2 | — | 2 | 8 | 4 | 8 | 4 | 7 | 5 | 7 | 4 | 6 | 4 | 6 | 4 | 13 | 10 | 13 | 14 | 12 | 12 | 12 | 15 |
| 14 | 28 | 18 | 27 | 20 | 27 | 18 | 28 | 16 | 28 | 15 | 27 | 14 | 28 | 10 | 27 | 7 | 27 | 8 | 27 | 9 | 28 | 8 | 26 | 10 |
| 15 | 4 | 4 | — | 3 | — | 2 | 14 | 4 | 14 | 6 | 14 | 6 | 16 | 7 | 16 | 6 | 16 | 7 | 17 | 9 | 16 | 8 | 19 | 11 |
| 16 | 17 | 11 | 16 | 10 | 16 | 10 | 16 | 10 | 16 | 9 | 16 | 10 | 17 | 11 | 18 | 10 | 18 | 12 | 25 | 10 | 25 | 9 | 25 | 12 |
| 17 | 26 | 15 | 27 | 11 | 26 | 12 | 25 | 12 | 26 | 10 | 26 | 14 | 26 | 11 | 27 | 5 | 26 | 9 | 26 | 10 | 26 | 10 | 25 | 10 |
| 18 | 22 | 14 | 21 | 12 | 21 | 10 | 23 | 18 | 21 | 12 | 21 | 13 | 21 | 16 | 22 | 18 | 21 | 13 | 21 | 14 | 21 | 18 | 22 | 17 |
| 19 | 25 | 25 | 25 | 21 | 26 | 23 | 27 | 23 | 28 | 21 | 32 | 23 | 31 | 21 | 31 | 18 | 32 | 14 | 32 | 12 | 31 | 13 | 31 | 12 |
| 20 | 27 | 8 | 26 | 10 | 26 | 11 | 26 | 11 | 28 | 7 | 28 | 5 | 27 | 12 | 29 | 17 | 30 | 15 | 32 | 14 | 31 | 9 | 30 | 14 |
| 21 | 27 | 13 | 26 | 8 | 27 | 7 | 23 | 11 | 25 | 12 | 23 | 12 | 21 | 13 | 21 | 13 | 19 | 6 | 18 | 7 | 16 | 8 | 18 | 10 |
| 22 | 22 | 26 | 22 | 29 | 22 | 25 | 22 | 27 | 22 | 25 | 22 | 27 | 22 | 23 | 22 | 23 | 25 | 23 | 25 | 23 | 25 | 26 | 24 | 30 |
| 23 | 26 | 26 | 28 | 24 | 28 | 22 | 29 | 19 | 29 | 18 | 28 | 18 | 29 | 14 | 26 | 13 | 27 | 9 | 28 | 4 | 26 | 7 | 28 | 5 |
| 24 | 16 | 12 | 16 | 12 | 17 | 15 | 16 | 14 | 16 | 15 | 19 | 16 | 18 | 17 | 16 | 18 | 18 | 20 | 18 | 20 | 17 | 20 | 17 | 21 |
| 25 | 23 | 23 | 24 | 24 | 21 | 26 | 21 | 23 | 21 | 21 | 21 | 26 | 21 | 23 | 21 | 26 | 22 | 29 | 21 | 24 | 22 | 24 | 21 | 22 |
| 26 | 22 | 27 | 22 | 24 | 22 | 26 | 21 | 23 | 24 | 21 | 22 | 19 | 21 | 17 | 21 | 14 | 21 | 10 | 21 | 14 | 21 | 11 | 20 | 10 |
| 27 | 15 | 15 | 15 | 16 | 15 | 15 | 15 | 15 | 15 | 17 | 15 | 16 | 15 | 18 | 15 | 21 | 15 | 20 | 15 | 18 | 15 | 18 | 15 | 20 |
| 28 | 15 | 17 | 24 | 10 | 24 | 7 | 25 | 7 | 25 | 9 | 25 | 6 | — | 1 | — | 3 | — | 3 | — | 3 | — | 2 | — | 1 |
| 29 | — | 3 | 3 | 4 | 3 | 5 | 3 | 4 | 3 | 5 | 3 | 6 | 3 | 6 | 3 | 5 | 3 | 4 | 3 | 5 | 4 | 4 | — | 2 |
| 30 | — | 2 | 5 | 5 | 8 | 5 | — | 2 | — | 2 | 8 | 4 | 8 | 4 | 3 | 4 | — | 0 | — | 2 | 6 | 6 | 6 | 5 |
| Mean ... | — | 14 | — | 13 | — | 13 | — | 13 | — | 12 | — | 13 | — | 13 | — | 12 | — | 11 | — | 11 | — | 11 | — | 12 |
| Mean, 1881–1905. | — | 13·2 | — | 12·9 | — | 12·9 | — | 12·8 | — | 12·9 | — | 12·6 | — | 12·8 | — | 12·8 | — | 13·1 | — | 13·0 | — | 12·9 | — | 14·4 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the has been applied for friction. When the velocity is less than 4 miles per hour,

VALENCIA. TABLE IV.—RAINFALL IN ENGLISH INCHES. NOVEMBER, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | ·01 | ·01 | ·01 | ·02 | ·04 | ·04 | ·05 | ·01 | ·06 | ·06 | ·08 | ·08 | ·03 | ·02 | — | — | — | — | — | — | — | ·32 |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | ·01 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | ·01 | ·03 | ·01 | — | ·04 | ·06 | — | ·03 | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·19 |
| 11 | — | — | — | — | — | — | — | ·01 | — | ·02 | ·01 | ·01 | — | — | — | — | — | ·01 | ·01 | — | — | — | — | — | ·07 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·01 | ·01 | — | — | — | — | — | ·04 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | ·09 | ·17 | ·04 | — | — | ·01 | — | ·02 | ·01 | ·01 | — | — | ·35 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | ·02 | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·04 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | ·01 | — | — | — | ·03 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·05 |
| 20 | ·01 | ·01 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 | ·07 | ·02 | ·02 | ·02 | ·17 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 |
| 22 | — | — | — | ·01 | — | — | ·01 | — | ·06 | — | — | — | ·02 | ·08 | ·12 | ·02 | — | — | — | — | — | — | — | — | ·24 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·08 |
| 24 | — | — | — | — | — | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 |
| 25 | ·02 | ·01 | — | — | ·01 | ·01 | — | — | — | ·01 | ·03 | — | — | ·05 | — | — | ·01 | — | — | — | — | — | — | — | ·08 |
| 26 | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·09 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | ·01 | ·03 | ·02 | ·02 | ·23 | ·16 | ·04 | ·01 |
| 28 | ·14 | ·04 | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·52 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·19 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | ·17 | ·06 | — | ·03 | ·05 | ·07 | ·04 | ·05 | ·19 | ·16 | ·07 | ·14 | ·23 | ·43 | ·14 | ·03 | ·05 | ·04 | ·05 | ·07 | ·10 | ·26 | ·18 | ·08 | 2·69 |
| Average 1871–1905. | ·283 | ·254 | ·273 | ·247 | ·258 | ·239 | ·291 | ·285 | ·226 | ·231 | ·230 | ·234 | ·220 | ·194 | ·230 | ·197 | ·222 | ·233 | ·208 | ·210 | ·222 | ·233 | ·255 | ·242 | 5·716 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. NOVEMBER, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean, (Day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | |
| 1 | 14 | 21 | 12 | 19 | 14 | 21 | 14 | 21 | 13 | 20 | 13 | 18 | 14 | 15 | 12 | 11 | 12 | 5 | — | 3 | 13 | 5 | 11 | 11 | 17 | 1 |
| 2 | 8 | 16 | 8 | 14 | 8 | 14 | 8 | 18 | 8 | 21 | 8 | 22 | 8 | 21 | 7 | 21 | 6 | 22 | 9 | 17 | 9 | 13 | 8 | 6 | 16 | 2 |
| 3 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 8 | 5 | 11 | 6 | 11 | 7 | — | 2 | — | 3 | 9 | 6 | 9 | 7 | 9 | 7 | 8 | 3 |
| 4 | — | 1 | — | 3 | 11 | 5 | 11 | 4 | 11 | 6 | 10 | 6 | — | 1 | — | 2 | — | 1 | — | 1 | — | 3 | 7 | 7 | 3 | 4 |
| 5 | 10 | 9 | 10 | 8 | 11 | 10 | 11 | 11 | 11 | 10 | 11 | 7 | 10 | 10 | 10 | 12 | 10 | 8 | 10 | 9 | 10 | 9 | 10 | 7 | 8 | 5 |
| 6 | 10 | 7 | 10 | 7 | 10 | 6 | 10 | 7 | 9 | 10 | 9 | 10 | 9 | 9 | 8 | 8 | 9 | 16 | 8 | 12 | 8 | 11 | 8 | 11 | 10 | 6 |
| 7 | 8 | 7 | 7 | 11 | 8 | 10 | 6 | 7 | 6 | 12 | 7 | 21 | 6 | 19 | 5 | 18 | 7 | 18 | 7 | 19 | 7 | 17 | 6 | 12 | 12 | 7 |
| 8 | 8 | 6 | 7 | 6 | 9 | 4 | 9 | 5 | 8 | 8 | 9 | 5 | 8 | 5 | 9 | 7 | 7 | 10 | 7 | 10 | — | 1 | 7 | 7 | 6 | 8 |
| 12 | 12 | 11 | 12 | 12 | 12 | 14 | 12 | 15 | 12 | 15 | 12 | 15 | 12 | 17 | 12 | 20 | 12 | 20 | 12 | 21 | 12 | 23 | 12 | 25 | 14 | 9 |
| 16 | 12 | 16 | 12 | 15 | 12 | 16 | 12 | 18 | 12 | 20 | 11 | 18 | 8 | 18 | 7 | 17 | 9 | 16 | 8 | 15 | 10 | 15 | 11 | 15 | 10 | 10 |
| 15 | 24 | 15 | 23 | 15 | 21 | 17 | 20 | 18 | 21 | 20 | 22 | 21 | 21 | 21 | 18 | 21 | 19 | 21 | 18 | 21 | 16 | 21 | 15 | 18 | 11 | 11 |
| 15 | 15 | 15 | 15 | 15 | 15 | 18 | 15 | 19 | 15 | 18 | 18 | 18 | 20 | 18 | 23 | 20 | 24 | 15 | 25 | 11 | 25 | 9 | 25 | 7 | 12 | 12 |
| 9 | 20 | 9 | 21 | 8 | 22 | 19 | 15 | 18 | 14 | 16 | 13 | 25 | 21 | 28 | 29 | 28 | 27 | 28 | 19 | 28 | 21 | 29 | 17 | 13 | 13 |
| 27 | 7 | 25 | 8 | 25 | 8 | 25 | 9 | 24 | 6 | — | 2 | — | 0 | — | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 9 | 14 |
| 17 | 10 | 17 | 10 | 17 | 10 | 17 | 10 | 17 | 10 | 16 | 12 | 17 | 8 | 16 | 11 | 18 | 10 | 16 | 10 | 18 | 10 | 18 | 9 | 8 | 15 |
| 25 | 15 | 25 | 21 | 25 | 15 | 25 | 16 | 25 | 15 | 25 | 16 | 25 | 15 | 25 | 18 | 25 | 17 | 27 | 15 | 26 | 14 | 26 | 14 | 13 | 16 |
| 26 | 10 | 26 | 10 | 26 | 10 | 25 | 12 | 25 | 12 | 25 | 10 | 23 | 11 | 22 | 10 | 23 | 9 | 22 | 10 | 22 | 12 | 22 | 10 | 11 | 17 |
| 21 | 23 | 21 | 24 | 21 | 22 | 22 | 19 | 24 | 19 | 25 | 15 | 25 | 14 | 25 | 10 | 24 | 16 | 25 | 20 | 25 | 23 | 25 | 24 | 17 | 18 |
| 30 | 10 | 30 | 9 | 29 | 7 | 27 | 9 | 26 | 4 | 25 | 6 | 25 | 4 | 23 | 4 | 18 | 5 | 17 | 7 | 15 | 12 | 5 | 4 | 13 | 19 |
| 30 | 11 | 30 | 17 | 32 | 15 | 31 | 13 | 32 | 11 | 32 | 8 | 30 | 12 | 31 | 8 | 28 | 12 | 24 | 10 | 26 | 10 | 25 | 12 | 11 | 20 |
| 17 | 12 | 19 | 18 | 20 | 25 | 21 | 26 | 21 | 29 | 22 | 23 | 22 | 24 | 22 | 23 | 22 | 24 | 22 | 24 | 22 | 27 | 21 | 26 | 17 | 21 |
| 25 | 34 | 25 | 37 | 25 | 34 | 25 | 29 | 25 | 32 | 25 | 33 | 25 | 36 | 25 | 36 | 25 | 36 | 25 | 31 | 25 | 31 | 28 | 26 | 29 | 22 |
| 20 | 7 | 20 | 9 | 19 | 10 | 18 | 7 | 17 | 10 | 16 | 10 | 16 | 12 | 16 | 15 | 16 | 15 | 16 | 15 | 18 | 12 | 19 | 15 | 13 | 23 |
| 17 | 23 | 22 | 23 | 21 | 23 | 23 | 22 | 24 | 19 | 24 | 22 | 24 | 24 | 25 | 23 | 24 | 23 | 23 | 23 | 23 | 23 | 21 | 22 | 20 | 24 |
| 21 | 27 | 22 | 26 | 23 | 25 | 23 | 28 | 22 | 26 | 22 | 29 | 22 | 28 | 22 | 28 | 22 | 24 | 22 | 27 | 21 | 26 | 21 | 26 | 25 | 25 |
| 21 | 9 | 20 | 12 | 18 | 12 | 17 | 9 | 18 | 10 | 16 | 9 | 16 | 10 | 16 | 10 | 16 | 12 | 16 | 12 | 16 | 11 | 15 | 15 | 14 | 26 |
| 15 | 21 | 15 | 21 | 15 | 21 | 15 | 18 | 15 | 20 | 15 | 18 | 15 | 19 | 15 | 21 | 15 | 21 | 15 | 21 | 15 | 19 | 15 | 21 | 19 | 27 |
| — | 2 | — | 3 | 24 | 8 | 24 | 7 | 23 | 8 | 24 | 9 | 24 | 8 | 24 | 6 | — | 2 | — | 2 | — | 1 | — | 2 | 5 | 28 |
| — | 2 | 13 | 5 | — | 3 | 13 | 4 | 11 | 4 | 8 | 6 | 7 | 5 | 7 | 4 | — | 3 | 7 | 4 | 6 | 4 | 5 | 4 | 4 | 29 |
| 8 | 4 | — | 3 | 7 | 5 | 12 | 15 | 10 | 8 | 12 | 10 | 11 | 10 | 10 | 10 | 11 | 12 | 11 | 8 | 11 | 7 | 12 | 8 | 6 | 30 |
| — | 13 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 | — | 13 | — | 13 | — | 13 | 13 | |
| — | 14·5 | — | 14·5 | — | 14·3 | — | 13·8 | — | 13·3 | — | 13·3 | — | 13·2 | — | 13·2 | — | 13·1 | — | 13·3 | — | 13·3 | — | 13·3 | 13·3 | Mean, 1881–1905. |

cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction the direction is omitted, the record not being trustworthy in very light airs.

VALENCIA. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. NOVEMBER, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull showery day, clearing in evening. |
| 2 | — | — | — | — | ·1 | ·2 | ·4 | ·5 | ·4 | ·9 | — | ·1 | ·2 | — | — | — | — | 2·8 | Fair, but squally. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and hazy to overcast and ≋. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy, with ≋ or ∞ ; ⊍. |
| 5 | — | — | — | — | — | ·5 | ·9 | 1·0 | 1·0 | ·9 | ·8 | ·1 | — | — | — | — | — | 5·2 | Fair ; ⊍. |
| 6 | — | — | — | — | — | — | ·4 | 1·0 | ·8 | ·7 | ·1 | — | — | — | — | — | — | 3·0 | Fair to dull. |
| 7 | — | — | — | — | — | ·1 | — | — | — | ·1 | — | — | — | — | — | — | — | 0·2 | Hazy at first, then dull with ≋. |
| 8 | — | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·9 | ·2 | — | — | — | — | 7·0 | Fine day ; ⊍. |
| 9 | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | — | 6·5 | Fine ; ⌣, ⊍. |
| 10 | — | — | — | — | — | ·05 | ·05 | ·3 | — | ·4 | — | — | ·2 | — | — | — | — | 1·0 | Showery day. |
| 11 | — | — | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | 0·2 | Gloomy morning ; brighter later, but squally. |
| 12 | — | — | — | — | — | ·1 | ·7 | ·8 | ·5 | ·1 | — | — | — | — | — | — | — | 2·2 | Fair to unsettled-looking ; ●0. P.M. |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day, with ●2 13h.–15h. ; squally |
| 14 | — | — | — | — | — | ·1 | ·6 | ·1 | ·7 | ·7 | ·9 | ·1 | — | — | — | — | — | 3·2 | Fair to dull during day ; fine evening. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy. |
| 16 | — | — | — | — | — | — | — | — | ·5 | ·2 | — | — | — | — | — | — | — | 0·7 | Overcast to cloudy, ≋0, ●0 ; squally evening. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and showery. |
| 19 | — | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | — | — | — | — | 3·7 | Fine till 12h. ; becoming cloudy with ● |
| 20 | — | — | — | — | — | — | ·1 | — | — | ·5 | — | — | — | — | — | — | — | 0·6 | Dull most of day ; ●0, ≋0. later. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy ; ●, ⸗, P.M. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | from W. |
| 23 | — | — | — | — | — | — | — | — | ·3 | ·9 | ·3 | ·3 | — | — | — | — | — | 1·8 | A.M. overcast, ≋0 ; ●0 ; P.M. clearer ; ⸗ |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day; gloomy-looking at night, ≋0. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Misty and showery ; improving in evening. |
| 26 | — | — | — | — | — | — | ·3 | ·5 | ·7 | ·2 | — | — | — | — | — | — | — | 1·7 | Dull day, clearing a little 10h.–15h. ; ⸗. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy to overcast. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day, with ●2 at night. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | ·2 | ·1 | — | — | — | — | 0·3 | ●2, ≋0, and dull, at first ; fairer later. |
| 30 | — | — | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | — | — | 4·6 | ⌣, fine. |
| | — | — | — | — | — | — | — | — | ·6 | — | — | — | — | — | — | — | — | 0·6 | Dull to fair, ⌣. |
| | — | — | — | — | 0·2 | 3·35 | 6·45 | 7·6 | 8·4 | 9·7 | 5·3 | 3·4 | 0·9 | — | — | — | — | 45·3 | Total. |
| | — | — | — | 0·01 | 0·77 | 6·17 | 9·48 | 10·31 | 10·55 | 10·25 | 9·18 | 6·29 | 1·52 | 0·01 | — | — | — | 64·54 | Mean Total, 1881–1905. |

TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. NOVEMBER, 1908.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 57·6 | 57·9 | 58·2 | 58·3 | 57·5 | 57·6 | 57·4 | 57·3 | 56·8 | 56·9 | 56·7 | 56·9 | 57·1 | 57·4 | 57·4 | 57·4 | 57·2 | 56·9 | 57·2 | 57·0 | 56·9 | 56·9 | 55·6 | 54·5 | 55·7 | 57·1 |
| 2 | 55·7 | 55·9 | 55·7 | 55·2 | 55·3 | 55·7 | 54·9 | 55·5 | 55·0 | 55·8 | 56·4 | 57·9 | 57·9 | 59·3 | 59·3 | 59·4 | 60·0 | 59·9 | 58·4 | 58·3 | 58·5 | 58·9 | 59·3 | 58·8 | 58·9 | 57·4 |
| 3 | 58·9 | 59·3 | 58·8 | 59·7 | 59·7 | 59·7 | 59·3 | 58·9 | 58·4 | 58·7 | 59·4 | 59·4 | 59·9 | 60·4 | 60·2 | 60·5 | 60·4 | 59·7 | 59·2 | 58·6 | 58·4 | 57·2 | 57·4 | 57·3 | 56·7 | 59·1 |
| 4 | 56·7 | 56·8 | 55·9 | 56·8 | 55·9 | 55·8 | 55·6 | 56·2 | 54·9 | 55·3 | 55·9 | 56·7 | 57·4 | 57·4 | 58·8 | 58·0 | 58·1 | 57·9 | 56·8 | 55·3 | 53·5 | 51·5 | 51·2 | 50·0 | 49·5 | 55·7 |
| 5 | 49·5 | 53·5 | 52·9 | 53·6 | 52·4 | 51·8 | 50·2 | 52·0 | 50·5 | 51·8 | 53·5 | 55·6 | 56·1 | 56·5 | 56·6 | 55·8 | 55·1 | 54·4 | 53·4 | 53·0 | 54·0 | 53·1 | 51·7 | 51·9 | 51·4 | 53·4 |
| 6 | 51·4 | 52·8 | 52·4 | 51·6 | 51·5 | 51·9 | 51·5 | 50·5 | 51·9 | 52·4 | 53·9 | 54·5 | 55·2 | 55·0 | 54·4 | 54·4 | 53·3 | 53·2 | 53·0 | 51·4 | 52·7 | 52·2 | 50·9 | 50·6 | 52·6 | 52·6 |
| 7 | 50·6 | 50·8 | 50·5 | 49·3 | 48·1 | 49·9 | 50·7 | 50·9 | 50·1 | 49·7 | 50·6 | 50·8 | 50·9 | 52·7 | 52·5 | 52·2 | 50·5 | 50·6 | 50·6 | 49·9 | 49·5 | 49·1 | 49·0 | 48·9 | 47·7 | 50·3 |
| 8 | 47·7 | 46·7 | 46·4 | 46·4 | 46·5 | 44·4 | 44·2 | 42·6 | 40·3 | 40·8 | 44·7 | 47·4 | 48·5 | 49·1 | 49·6 | 49·9 | 48·7 | 48·2 | 45·5 | 45·7 | 45·1 | 44·2 | 44·1 | 41·9 | 43·6 | 45·6 |
| 9 | 43·6 | 43·8 | 43·9 | 44·6 | 44·6 | 45·5 | 44·4 | 45·3 | 45·8 | 46·8 | 48·5 | 50·5 | 51·4 | 53·2 | 52·4 | 52·1 | 51·6 | 50·9 | 50·2 | 50·7 | 50·2 | 50·6 | 50·8 | 50·9 | 51·1 | 48·6 |
| 10 | 51·1 | 51·0 | 51·4 | 51·8 | 51·9 | 51·6 | 51·4 | 51·8 | 52·4 | 53·8 | 54·2 | 53·8 | 55·2 | 55·1 | 54·5 | 54·9 | 54·9 | 53·2 | 53·1 | 53·7 | 52·9 | 53·3 | 54·2 | 54·6 | 55·2 | 53·2 |
| 11 | 55·2 | 55·5 | 55·6 | 55·8 | 55·6 | 56·3 | 56·2 | 56·5 | 56·4 | 56·7 | 57·3 | 56·8 | 58·0 | 58·6 | 58·1 | 57·3 | 57·1 | 54·9 | 54·3 | 53·9 | 53·1 | 52·4 | 51·4 | 52·0 | 52·4 | 55·6 |
| 12 | 52·4 | 51·5 | 51·5 | 51·0 | 52·4 | 51·3 | 51·7 | 52·5 | 51·4 | 51·4 | 53·4 | 54·6 | 55·3 | 55·8 | 55·6 | 55·8 | 55·7 | 55·2 | 54·7 | 53·8 | 52·7 | 51·7 | 51·5 | 50·6 | 50·8 | 53·0 |
| 13 | 50·8 | 48·8 | 46·8 | 44·5 | 42·4 | 42·2 | 41·2 | 41·1 | 43·3 | 49·1 | 50·6 | 51·2 | 51·9 | 51·1 | 50·4 | 50·8 | 51·6 | 50·7 | 49·4 | 50·8 | 49·4 | 49·3 | 48·9 | 49·3 | 49·2 | 48·1 |
| 14 | 49·2 | 50·1 | 50·3 | 50·3 | 50·4 | 50·9 | 50·7 | 50·2 | 49·5 | 50·7 | 51·8 | 52·4 | 52·2 | 53·1 | 53·4 | 51·9 | 51·7 | 50·6 | 49·6 | 48·4 | 46·4 | 43·7 | 42·6 | 42·2 | 42·1 | 49·5 |
| 15 | 42·1 | 43·9 | 44·6 | 45·3 | 47·6 | 48·8 | 48·2 | 48·5 | 49·2 | 49·9 | 51·2 | 51·9 | 52·4 | 53·0 | 52·5 | 52·5 | 51·9 | 51·8 | 51·5 | 51·5 | 51·9 | 52·0 | 52·2 | 52·0 | 51·9 | 50·1 |
| 16 | 51·9 | 52·1 | 52·0 | 52·6 | 52·1 | 51·9 | 53·1 | 53·1 | 53·1 | 53·3 | 52·3 | 51·8 | 53·6 | 53·0 | 52·2 | 51·9 | 52·1 | 52·1 | 51·4 | 52·1 | 51·6 | 52·2 | 52·3 | 51·9 | 51·3 | 52·3 |
| 17 | 51·3 | 51·3 | 50·9 | 50·9 | 50·4 | 50·1 | 49·7 | 50·7 | 50·1 | 51·3 | 51·6 | 51·9 | 52·1 | 52·4 | 52·6 | 51·8 | 51·7 | 51·6 | 50·8 | 51·2 | 50·4 | 50·0 | 51·4 | 51·2 | 50·7 | 51·2 |
| 18 | 50·7 | 51·5 | 51·2 | 50·5 | 49·6 | 50·3 | 50·7 | 51·2 | 51·6 | 50·9 | 51·6 | 52·7 | 52·0 | 53·1 | 53·1 | 53·6 | 53·6 | 53·7 | 53·5 | 53·3 | 52·3 | 52·8 | 52·6 | 52·3 | 52·2 | 52·0 |
| 19 | 52·2 | 51·9 | 51·9 | 51·8 | 51·9 | 51·9 | 50·2 | 49·1 | 49·3 | 48·9 | 49·5 | 50·5 | 50·9 | 51·4 | 50·7 | 50·9 | 50·6 | 50·3 | 50·1 | 49·7 | 48·8 | 48·4 | 48·4 | 48·7 | 49·0 | 48·7 |
| 20 | 48·7 | 52·6 | 52·6 | 52·7 | 52·6 | 52·9 | 53·1 | 52·9 | 52·6 | 52·7 | 51·9 | 52·7 | 50·2 | 52·3 | 52·4 | 51·8 | 51·6 | 50·7 | 50·5 | 50·7 | 50·4 | 50·8 | 50·2 | 50·5 | 51·2 | 51·7 |
| 21 | 51·2 | 51·4 | 50·9 | 50·7 | 50·9 | 50·8 | 50·8 | 50·7 | 49·2 | 49·2 | 50·0 | 50·9 | 51·6 | 52·2 | 53·2 | 54·7 | 54·9 | 54·9 | 54·5 | 54·8 | 54·5 | 54·2 | 54·1 | 54·1 | 54·2 | 52·3 |
| 22 | 54·2 | 54·2 | 54·4 | 54·4 | 54·4 | 54·5 | 54·4 | 54·5 | 54·5 | 53·6 | 53·0 | 52·7 | 52·6 | 52·7 | 51·4 | 50·8 | 50·3 | 50·7 | 51·2 | 51·2 | 51·3 | 51·2 | 51·8 | 51·8 | 51·0 | 52·7 |
| 23 | 51·0 | 50·6 | 51·3 | 51·7 | 51·7 | 51·1 | 51·0 | 50·8 | 50·6 | 50·6 | 49·8 | 50·7 | 51·5 | 51·7 | 51·9 | 51·2 | 50·3 | 50·8 | 51·4 | 50·9 | 52·4 | 53·1 | 54·0 | 53·7 | 51·8 | 51·4 |
| 24 | 51·8 | 51·9 | 52·3 | 53·4 | 53·3 | 53·5 | 53·4 | 53·7 | 53·4 | 54·4 | 54·5 | 54·8 | 55·1 | 55·6 | 52·4 | 51·7 | 50·9 | 49·9 | 49·6 | 49·5 | 48·6 | 48·6 | 47·7 | 45·8 | 46·1 | 51·8 |
| 25 | 46·1 | 47·9 | 46·4 | 47·3 | 46·3 | 45·9 | 47·6 | 46·0 | 47·9 | 48·1 | 47·2 | 48·9 | 48·3 | 49·8 | 49·7 | 50·2 | 50·3 | 50·1 | 50·7 | 51·2 | 50·9 | 51·2 | 51·4 | 51·7 | 51·8 | 48·9 |
| 26 | 51·8 | 51·8 | 51·8 | 51·9 | 51·9 | 50·4 | 51·3 | 51·7 | 51·0 | 51·3 | 51·6 | 51·8 | 51·8 | 51·6 | 51·6 | 51·7 | 51·3 | 51·2 | 50·9 | 50·9 | 51·2 | 50·9 | 51·2 | 51·3 | 51·4 | 51·4 |
| 27 | 51·4 | 51·4 | 52·0 | 51·3 | 52·0 | 52·0 | 51·5 | 52·1 | 52·7 | 52·5 | 53·6 | 54·7 | 54·5 | 54·8 | 54·6 | 54·7 | 54·6 | 54·8 | 53·6 | 53·8 | 53·7 | 53·9 | 54·2 | 53·9 | 54·6 | 53·3 |
| 28 | 54·6 | 54·8 | 51·0 | 50·1 | 50·5 | 50·4 | 50·3 | 49·9 | 48·3 | 46·5 | 45·9 | 48·7 | 47·9 | 48·7 | 49·6 | 50·4 | 49·5 | 48·8 | 49·5 | 49·6 | 48·7 | 48·6 | 45·7 | 43·4 | 41·5 | 49·0 |
| 29 | 41·5 | 40·9 | 40·4 | 39·7 | 39·7 | 39·7 | 38·6 | 38·7 | 37·6 | 38·1 | 38·2 | 38·9 | 41·2 | 44·9 | 46·9 | 47·0 | 45·3 | 42·9 | 40·3 | 38·0 | 37·9 | 37·7 | 36·5 | 36·6 | 36·1 | 40·2 |
| 30 | 36·1 | 35·5 | 37·1 | 42·8 | 40·7 | 39·4 | 44·2 | 46·7 | 43·4 | 45·8 | 46·4 | 48·2 | 50·3 | 51·9 | 53·1 | 53·2 | 51·6 | 51·3 | 51·0 | 50·7 | 51·0 | 51·7 | 50·9 | 49·9 | 49·9 | 47·0 |
| Mean ... | 50·6 | 50·9 | 50·7 | 50·9 | 50·6 | 50·6 | 50·5 | 50·8 | 50·3 | 50·9 | 51·5 | 52·3 | 52·7 | 53·4 | 53·4 | 53·3 | 52·9 | 52·4 | 51·9 | 51·7 | 51·3 | 51·1 | 50·8 | 50·4 | 50·3 | 51·5 |
| Mean, 1871–1905. | 47·0 | 47·0 | 46·9 | 46·8 | 46·7 | 46·7 | 46·6 | 46·6 | 46·6 | 47·1 | 47·7 | 48·7 | 49·2 | 49·6 | 49·6 | 49·5 | 48·9 | 48·2 | 47·8 | 47·6 | 47·3 | 47·2 | 47·1 | 47·0 | 46·9 | 47·6 |

TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). NOVEMBER, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 87 | 86 | 84 | 81 | 86 | 85 | 87 | 85 | 87 | 88 | 90 | 89 | 91 | 91 | 93 | 93 | 94 | 94 | 90 | 89 | 91 | 89 | 90 | 94 | 88 | 89·0 |
| 2 | 88 | 86 | 87 | 88 | 87 | 84 | 85 | 81 | 83 | 80 | 80 | 77 | 78 | 73 | 74 | 74 | 66 | 66 | 72 | 74 | 73 | 71 | 69 | 77 | 76 | 77·8 |
| 3 | 76 | 76 | 79 | 76 | 79 | 78 | 80 | 83 | 84 | 85 | 84 | 84 | 82 | 82 | 82 | 80 | 81 | 83 | 79 | 78 | 77 | 79 | 80 | 79 | 82 | 80·4 |
| 4 | 82 | 81 | 86 | 81 | 87 | 86 | 85 | 84 | 92 | 89 | 91 | 90 | 88 | 89 | 82 | 81 | 79 | 76 | 76 | 75 | 78 | 84 | 80 | 84 | 85 | 83·7 |
| 5 | 85 | 77 | 79 | 76 | 76 | 75 | 79 | 79 | 82 | 79 | 76 | 74 | 72 | 73 | 75 | 77 | 78 | 78 | 80 | 79 | 77 | 75 | 77 | 79 | 83 | 77·3 |
| 6 | 83 | 77 | 77 | 77 | 80 | 78 | 78 | 78 | 81 | 79 | 79 | 76 | 74 | 74 | 74 | 76 | 77 | 74 | 72 | 77 | 82 | 75 | 77 | 79 | 77 | 77·3 |
| 7 | 77 | 73 | 72 | 75 | 78 | 76 | 75 | 74 | 72 | 75 | 75 | 77 | 79 | 70 | 73 | 75 | 83 | 81 | 80 | 81 | 77 | 75 | 74 | 76 | 78 | 76·0 |
| 8 | 78 | 77 | 76 | 74 | 76 | 78 | 70 | 81 | 76 | 71 | 68 | 63 | 65 | 63 | 65 | 63 | 68 | 61 | 67 | 62 | 66 | 68 | 68 | 78 | 67 | 69·7 |
| 9 | 67 | 68 | 73 | 73 | 73 | 72 | 73 | 74 | 73 | 73 | 74 | 73 | 70 | 71 | 70 | 70 | 73 | 73 | 74 | 70 | 74 | 73 | 73 | 73 | 72 | 72·2 |
| 10 | 72 | 73 | 72 | 73 | 76 | 79 | 82 | 90 | 94 | 96 | 95 | 93 | 91 | 90 | 92 | 92 | 92 | 93 | 90 | 94 | 93 | 94 | 93 | 95 | 96 | 88·2 |
| 11 | 96 | 96 | 99 | 95 | 95 | 92 | 92 | 91 | 92 | 90 | 88 | 96 | 92 | 89 | 89 | 87 | 80 | 88 | 83 | 87 | 88 | 83 | 76 | 77 | 79 | 88·9 |
| 12 | 79 | 78 | 82 | 81 | 83 | 80 | 72 | 77 | 82 | 81 | 79 | 77 | 83 | 86 | 85 | 89 | 89 | 92 | 93 | 93 | 85 | 86 | 79 | 80 | 80 | 83·0 |
| 13 | 80 | 88 | 92 | 92 | 95 | 94 | 97 | 96 | 92 | 88 | 85 | 83 | 77 | 81 | 90 | 92 | 92 | 93 | 93 | 93 | 85 | 86 | 87 | 85 | 89 | 89·1 |
| 14 | 89 | 80 | 82 | 80 | 75 | 77 | 71 | 65 | 68 | 73 | 65 | 68 | 66 | 67 | 69 | 70 | 72 | 74 | 81 | 84 | 84 | 88 | 89 | 90 | 92 | 76·2 |
| 15 | 92 | 90 | 91 | 89 | 86 | 82 | 86 | 86 | 84 | 84 | 80 | 79 | 77 | 78 | 79 | 76 | 80 | 78 | 80 | 81 | 79 | 82 | 83 | 83 | 87 | 82·6 |
| 16 | 87 | 84 | 87 | 86 | 89 | 91 | 86 | 90 | 94 | 97 | 91 | 98 | 88 | 78 | 69 | 68 | 67 | 71 | 72 | 74 | 80 | 73 | 72 | 69 | 67 | 81·3 |
| 17 | 67 | 70 | 69 | 70 | 77 | 77 | 80 | 75 | 79 | 74 | 71 | 74 | 71 | 76 | 73 | 76 | 74 | 72 | 81 | 79 | 87 | 84 | 76 | 77 | 83 | 75·8 |
| 18 | 83 | 78 | 78 | 82 | 92 | 89 | 86 | 83 | 84 | 93 | 91 | 89 | 93 | 88 | 92 | 94 | 96 | 93 | 89 | 84 | 91 | 90 | 81 | 77 | 77 | 87·2 |
| 19 | 77 | 79 | 75 | 77 | 70 | 71 | 77 | 74 | 69 | 67 | 65 | 64 | 65 | 70 | 69 | 71 | 70 | 74 | 81 | 85 | 93 | 98 | 99 | 99 | 100 | 77·1 |
| 20 | 100 | 97 | 100 | 99 | 99 | 99 | 97 | 98 | 99 | 92 | 77 | 78 | 94 | 83 | 71 | 72 | 68 | 71 | 70 | 70 | 67 | 71 | 74 | 76 | 75 | 83·8 |
| 21 | 75 | 76 | 80 | 83 | 73 | 70 | 74 | 78 | 78 | 82 | 84 | 86 | 90 | 96 | 96 | 99 | 98 | 97 | 96 | 93 | 95 | 96 | 96 | 97 | 98 | 87·5 |
| 22 | 98 | 99 | 98 | 99 | 99 | 98 | 99 | 98 | 98 | 99 | 82 | 80 | 75 | 68 | 70 | 73 | 77 | 73 | 66 | 66 | 67 | 71 | 64 | 64 | 72 | 82·0 |
| 23 | 72 | 71 | 68 | 63 | 66 | 66 | 63 | 67 | 72 | 79 | 79 | 75 | 78 | 77 | 74 | 75 | 77 | 79 | 82 | 92 | 90 | 90 | 90 | 93 | 96 | 77·1 |
| 24 | 96 | 92 | 92 | 90 | 91 | 94 | 92 | 90 | 89 | 93 | 94 | 93 | 93 | 96 | 97 | 97 | 97 | 91 | 92 | 94 | 92 | 88 | 67 | 76 | 74 | 87·3 |
| 25 | 74 | 74 | 83 | 75 | 81 | 88 | 78 | 85 | 80 | 78 | 86 | 81 | 89 | 82 | 81 | 77 | 76 | 80 | 77 | 77 | 81 | 81 | 83 | 83 | 85 | 80·6 |
| 26 | 85 | 87 | 85 | 85 | 85 | 91 | 80 | 81 | 84 | 86 | 83 | 86 | 81 | 88 | 86 | 78 | 79 | 81 | 81 | 83 | 83 | 81 | 83 | 81 | 79 | 83·4 |
| 27 | 79 | 83 | 77 | 79 | 81 | 85 | 91 | 89 | 84 | 89 | 89 | 82 | 81 | 81 | 85 | 86 | 86 | 82 | 91 | 91 | 92 | 93 | 94 | 98 | 96 | 86·5 |
| 28 | 96 | 99 | 99 | 98 | 94 | 94 | 81 | 85 | 92 | 94 | 94 | 97 | 96 | 96 | 95 | 80 | 79 | 85 | 77 | 77 | 79 | 83 | 90 | 93 | 98 | 89·8 |
| 29 | 98 | 98 | 98 | 96 | 94 | 94 | 95 | 91 | 95 | 92 | 91 | 93 | 90 | 91 | 86 | 87 | 92 | 91 | 92 | 94 | 92 | 91 | 97 | 92 | 95 | 92·8 |
| 30 | 95 | 95 | 86 | 73 | 83 | 88 | 86 | 79 | 87 | 89 | 88 | 97 | 88 | 88 | 85 | 84 | 87 | 88 | 88 | 86 | 84 | 80 | 84 | 87 | 87 | 86·3 |
| Mean ... | 83·8 | 82·9 | 83·5 | 82·2 | 83·2 | 83·3 | 82·9 | 82·6 | 84·4 | 84·5 | 82·5 | 82·6 | 81·9 | 81·1 | 80·6 | 80·4 | 80·9 | 81·1 | 81·2 | 81·4 | 81·9 | 81·9 | 81·5 | 83·0 | 83·8 | 82·3 |
| Mean, 1886–1905. | 87·0 | 87·1 | 87·5 | 87·8 | 87·7 | 87·9 | 88·2 | 88·3 | 88·0 | 87·4 | 86·7 | 85·2 | 83·7 | 82·8 | 82·3 | 82·7 | 83·9 | 85·3 | 85·8 | 86·1 | 86·8 | 86·9 | 87·1 | 87·1 | 87·4 | 86·2 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. NOVEMBER, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

**ABERDEEN.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. NOVEMBER, 1908

| Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. | Day. | Pressure. Max. | Pressure. Min. | Temperature. Max. | Temperature. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·052 | 0·016 | 52·3 | 36·7 | 9 | 9·776 | 9·727 | 43·7 | 34·7 | 17 | 9·952 | 9·677 | 46·8 | 38·9 | 25 | 9·424 | 9·235 | 42·8 | 36·7 |
| 2 | 0·034 | 0·004 | 51·1 | 43·1 | 10 | 9·773 | 9·619 | 43·2 | 35·5 | 18 | 9·938 | 9·561 | 50·3 | 40·3 | 26 | 9·922 | 9·341 | 43·3 | 36·9 |
| 3 | 0·026 | 9·973 | 51·5 | 49·8 | 11 | 9·619 | 9·399 | 51·1 | 40·0 | 19 | 9·979 | 9·555 | 42·2 | 34·9 | 27 | 9·900 | 9·620 | 49·7 | 40·2 |
| 4 | 0·096 | 0·012 | 51·3 | 48·7 | 12 | 9·752 | 9·387 | 51·9 | 45·3 | 20 | 9·970 | 9·550 | 44·9 | **33·0** | 28 | 9·727 | 9·486 | 52·3 | 45·2 |
| 5 | 0·085 | 0·021 | 49·9 | 47·4 | 13 | 9·814 | 9·590 | 49·7 | 38·5 | 21 | 9·733 | 9·162 | 44·2 | 37·1 | 29 | 0·080 | 9·727 | 50·3 | 40·8 |
| 6 | 0·103 | 9·999 | 48·1 | 45·8 | 14 | 0·074 | 9·795 | 47·1 | 38·1 | 22 | 9·162 | **8·698** | 51·6 | 41·2 | 30 | **0·250** | 0·074 | 51·5 | 37·2 |
| 7 | 9·939 | 9·787 | 48·0 | 40·8 | 15 | 0·089 | 9·877 | 49·1 | 41·6 | 23 | 9·904 | 8·921 | 44·3 | 36·6 | | | | | |
| 8 | 9·789 | 9·738 | 47·3 | 39·4 | 16 | 9·886 | 9·622 | 51·3 | 41·6 | 24 | 9·824 | 9·233 | **53·4** | 38·6 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 48·5 | 40·2 |

TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. NOVEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| Days. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·025 | 0·029 | 0·028 | 0·027 | 0·032 | 0·034 | 0·041 | 0·042 | 0·050 | 0·049 | 0·049 | 0·048 | 0·043 | 0·030 | 0·026 | 0·020 | 0·019 | 0·027 | 0·040 | 0·040 | 0·043 | 0·043 | 0·044 | 0·038 | 0·034 | 0·036 |
| 2 | 0·034 | 0·030 | 0·025 | 0·020 | 0·014 | 0·015 | 0·014 | 0·016 | 0·022 | 0·024 | 0·030 | 0·025 | 0·026 | 0·017 | 0·012 | 0·008 | 0·004 | 0·009 | 0·012 | 0·011 | 0·013 | 0·018 | 0·018 | 0·012 | 0·007 | 0·017 |
| 3 | 0·007 | 0·001 | 9·998 | 9·992 | 9·984 | 9·984 | 9·986 | 9·987 | 9·993 | 0·000 | 0·005 | 0·000 | 9·999 | 9·994 | 9·984 | 9·974 | 9·977 | 9·982 | 9·993 | 9·999 | 0·011 | 0·012 | 0·014 | 0·019 | 0·026 | 9·996 |
| 4 | 0·026 | 0·020 | 0·020 | 0·013 | 0·012 | 0·013 | 0·021 | 0·037 | 0·046 | 0·054 | 0·068 | 0·073 | 0·074 | 0·069 | 0·067 | 0·058 | 0·062 | 0·060 | 0·072 | 0·076 | 0·087 | 0·087 | 0·095 | 0·090 | 0·085 | 0·055 |
| 5 | 0·085 | 0·079 | 0·078 | 0·069 | 0·067 | 0·060 | 0·058 | 0·063 | 0·062 | 0·065 | 0·066 | 0·060 | 0·052 | 0·040 | 0·029 | 0·022 | 0·024 | 0·023 | 0·025 | 0·031 | 0·038 | 0·040 | 0·054 | 0·061 | 0·068 | 0·052 |
| 6 | 0·068 | 0·066 | 0·064 | 0·062 | 0·066 | 0·070 | 0·075 | 0·083 | 0·093 | 0·094 | 0·100 | 0·101 | 0·097 | 0·091 | 0·081 | 0·073 | 0·066 | 0·064 | 0·059 | 0·050 | 0·046 | 0·041 | 0·030 | 0·018 | 9·999 | 0·068 |
| 7 | 9·999 | 9·986 | 9·978 | 9·959 | 9·950 | 9·935 | 9·938 | 9·920 | 9·918 | 9·910 | 9·904 | 9·891 | 9·875 | 9·865 | 9·849 | 9·837 | 9·830 | 9·820 | 9·821 | 9·810 | 9·808 | 9·799 | 9·793 | 9·790 | 9·789 | 9·878 |
| 8 | 9·789 | 9·782 | 9·774 | 9·763 | 9·763 | 9·765 | 9·761 | 9·761 | 9·763 | 9·767 | 9·770 | 9·771 | 9·766 | 9·761 | 9·753 | 9·745 | 9·748 | 9·745 | 9·747 | 9·749 | 9·746 | 9·741 | 9·741 | 9·739 | 9·741 | 9·758 |
| 9 | 9·741 | 9·741 | 9·744 | 9·736 | 9·732 | 9·727 | 9·733 | 9·742 | 9·746 | 9·747 | 9·758 | 9·757 | 9·756 | 9·752 | 9·754 | 9·754 | 9·753 | 9·758 | 9·767 | 9·766 | 9·771 | 9·774 | 9·775 | 9·774 | 9·773 | 9·753 |
| 10 | 9·773 | 9·765 | 9·765 | 9·753 | 9·746 | 9·740 | 9·736 | 9·742 | 9·742 | 9·748 | 9·742 | 9·729 | 9·715 | 9·698 | 9·676 | 9·662 | 9·655 | 9·649 | 9·652 | 9·640 | 9·645 | 9·642 | 9·637 | 9·623 | 9·619 | 9·700 |
| 11 | 9·619 | 9·608 | 9·595 | 9·586 | 9·593 | 9·593 | 9·595 | 9·594 | 9·608 | 9·605 | 9·607 | 9·607 | 9·601 | 9·595 | 9·582 | 9·571 | 9·560 | 9·549 | 9·525 | 9·501 | 9·474 | 9·455 | 9·440 | 9·417 | 9·399 | 9·557 |
| 12 | 9·399 | 9·396 | 9·394 | 9·396 | 9·414 | 9·434 | 9·473 | 9·499 | 9·543 | 9·575 | 9·598 | 9·620 | 9·641 | 9·653 | 9·671 | 9·689 | 9·709 | 9·724 | 9·742 | 9·746 | 9·759 | 9·748 | 9·735 | 9·712 | 9·697 | 9·600 |
| 13 | 9·697 | 9·667 | 9·634 | 9·614 | 9·590 | 9·594 | 9·606 | 9·626 | 9·660 | 9·675 | 9·704 | 9·727 | 9·742 | 9·745 | 9·753 | 9·767 | 9·781 | 9·789 | 9·798 | 9·802 | 9·813 | 9·811 | 9·810 | 9·805 | 9·810 | 9·719 |
| 14 | 9·810 | 9·808 | 9·806 | 9·805 | 9·810 | 9·798 | 9·805 | 9·819 | 9·843 | 9·855 | 9·858 | 9·877 | 9·910 | 9·906 | 9·918 | 9·922 | 9·941 | 9·967 | 0·002 | 0·016 | 0·025 | 0·028 | 0·037 | 0·040 | 0·067 | 0·906 |
| 15 | 0·067 | 0·075 | 0·074 | 0·054 | 0·062 | 0·071 | 0·075 | 0·079 | 0·084 | 0·086 | 0·086 | 0·073 | 0·055 | 0·033 | 0·016 | 0·013 | 9·999 | 9·985 | 9·974 | 9·947 | 9·924 | 9·893 | 9·913 | 9·877 | 9·877 | 0·018 |
| 16 | 9·877 | 9·881 | 9·847 | 9·809 | 9·803 | 9·805 | 9·804 | 9·797 | 9·788 | 9·764 | 9·725 | 9·710 | 9·699 | 9·665 | 9·650 | 9·635 | 9·624 | 9·636 | 9·636 | 9·635 | 9·646 | 9·662 | 9·677 | 9·685 | 9·684 | 9·723 |
| 17 | 9·684 | 9·644 | 9·698 | 9·684 | 9·678 | 9·688 | 9·704 | 9·710 | 9·722 | 9·726 | 9·742 | 9·747 | 9·757 | 9·769 | 9·797 | 9·817 | 9·851 | 9·873 | 9·896 | 9·919 | 9·937 | 9·948 | 9·945 | 9·944 | 9·938 | 9·794 |
| 18 | 9·938 | 9·921 | 9·904 | 9·878 | 9·858 | 9·836 | 9·821 | 9·799 | 9·776 | 9·747 | 9·724 | 9·698 | 9·659 | 9·634 | 9·611 | 9·621 | 9·639 | 9·634 | 9·635 | 9·623 | 9·620 | 9·595 | 9·593 | 9·569 | 9·561 | 9·714 |
| 19 | 9·501 | 9·562 | 9·568 | 9·597 | 9·638 | 9·677 | 9·708 | 9·748 | 9·793 | 9·813 | 9·841 | 9·855 | 9·866 | 9·884 | 9·899 | 9·899 | 9·910 | 9·930 | 9·945 | 9·954 | 9·964 | 9·972 | 9·972 | 9·974 | 9·970 | 9·822 |
| 20 | 9·970 | 9·956 | 9·953 | 9·946 | 9·916 | 9·883 | 9·848 | 9·838 | 9·786 | 9·728 | 9·658 | 9·597 | 9·569 | 9·568 | 9·567 | 9·568 | 9·570 | 9·579 | 9·583 | 9·571 | 9·553 | 9·561 | 9·581 | 9·637 | 9·711 | |
| 21 | 9·637 | 9·693 | 9·713 | 9·708 | 9·696 | 9·732 | 9·732 | 9·719 | 9·704 | 9·694 | 9·687 | 9·658 | 9·629 | 9·586 | 9·554 | 9·524 | 9·490 | 9·454 | 9·416 | 9·379 | 9·320 | 9·274 | 9·237 | 9·197 | 9·162 | 9·550 |
| 22 | 9·162 | 9·122 | 9·089 | 9·048 | 9·020 | 8·980 | 8·953 | 8·926 | 8·925 | 8·916 | 8·945 | 8·945 | 8·918 | 8·895 | 8·851 | 8·823 | 8·789 | 8·753 | 8·724 | 8·707 | 8·702 | 8·713 | 8·760 | 8·821 | 8·921 | 8·890 |
| 23 | 8·921 | 9·009 | 9·118 | 9·105 | 9·287 | 9·350 | 9·426 | 9·487 | 9·543 | 9·607 | 9·652 | 9·698 | 9·726 | 9·740 | 9·791 | 9·824 | 9·851 | 9·872 | 9·886 | 9·898 | 9·896 | 9·886 | 9·877 | 9·849 | 9·824 | 9·618 |
| 24 | 9·824 | 9·794 | 9·757 | 9·713 | 9·680 | 9·648 | 9·602 | 9·576 | 9·541 | 9·504 | 9·473 | 9·412 | 9·395 | 9·366 | 9·329 | 9·296 | 9·254 | 9·241 | 9·236 | 9·277 | 9·321 | 9·345 | 9·366 | 9·378 | 9·388 | 9·463 |
| 25 | 9·388 | 9·424 | 9·411 | 9·413 | 9·398 | 9·390 | 9·368 | 9·345 | 9·333 | 9·307 | 9·310 | 9·304 | 9·276 | 9·285 | 9·271 | 9·274 | 9·283 | 9·281 | 9·289 | 9·288 | 9·278 | 9·265 | 9·250 | 9·261 | 9·341 | 9·320 |
| 26 | 9·341 | 9·376 | 9·413 | 9·423 | 9·448 | 9·478 | 9·503 | 9·550 | 9·602 | 9·633 | 9·658 | 9·706 | 9·756 | 9·782 | 9·807 | 9·845 | 9·879 | 9·889 | 9·913 | 9·914 | 9·917 | 9·913 | 9·920 | 9·914 | 9·900 | 9·702 |
| 27 | 9·900 | 9·883 | 9·865 | 9·851 | 9·837 | 9·821 | 9·799 | 9·800 | 9·797 | 9·798 | 9·793 | 9·792 | 9·788 | 9

**ABERDEEN.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 3 | 24 | 4 | 24 | 4 | — | 2 | 24 | 4 | 24 | 4 | 24 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | — | 3 |
| 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | — | 1 | — | 2 | — | 2 | 18 | 4 | — | 3 | — | 2 | — | 2 |
| 3 | 14 | 6 | 14 | 7 | 14 | 5 | 14 | 5 | 14 | 6 | 14 | 4 | 14 | 5 | 14 | 5 | 14 | 4 | 14 | 4 | 14 | 4 | 14 | 4 |
| 4 | 12 | 7 | 12 | 5 | 12 | 5 | 12 | 4 | 12 | 5 | 12 | 5 | 12 | 6 | 12 | 6 | 12 | 5 | 12 | 5 | 12 | 6 | 12 | 4 |
| 5 | 17 | 4 | 17 | 4 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 17 | 4 |
| 6 | 10 | 9 | 9 | 9 | 9 | 8 | 10 | 9 | 10 | 8 | 10 | 6 | 11 | 6 | 11 | 5 | 12 | 7 | 12 | 9 | 11 | 8 | 12 | 9 |
| 7 | — | 2 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | 20 | 4 | — | 3 | — | 3 | 24 | 4 | — | 3 | — | 2 |
| 8 | 6 | 7 | 6 | 7 | — | 2 | 5 | 4 | — | 3 | 5 | 4 | 1 | 4 | 32 | 4 | 32 | 4 | — | 3 | — | 3 | — | 3 |
| 9 | 23 | 4 | 23 | 5 | 23 | 4 | 24 | 4 | 24 | 4 | — | 3 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | — | 3 | 24 | 4 |
| 10 | — | 3 | 20 | 4 | — | 3 | — | 1 | — | 3 | — | 2 | — | 3 | 19 | 5 | 19 | 4 | — | 3 | 17 | 3 | 17 | 7 |
| 11 | — | 3 | 17 | 10 | 18 | 6 | 17 | 4 | 19 | 6 | 18 | 7 | 18 | 7 | 18 | 6 | 19 | 8 | 17 | 5 | 18 | 9 | 18 | 9 |
| 12 | 15 | 10 | 16 | 7 | 16 | 6 | 19 | 6 | 19 | 6 | 19 | 7 | 19 | 6 | 19 | 4 | — | 3 | 19 | 4 | 17 | 5 | 14 | 6 |
| 13 | 15 | 8 | 15 | 11 | 14 | 11 | 15 | 12 | 17 | 7 | 18 | 7 | 18 | 4 | — | 2 | — | 3 | — | 2 | 18 | 7 | 18 | 4 |
| 14 | — | 3 | 20 | 4 | 22 | 5 | 24 | 4 | 26 | 4 | 26 | 7 | 26 | 7 | 26 | 7 | 26 | 9 | 27 | 8 | 27 | 7 | 27 | 10 |
| 15 | 23 | 4 | — | 3 | 17 | 5 | 17 | 4 | 17 | 4 | 17 | 6 | 16 | 7 | 17 | 7 | 15 | 5 | 15 | 7 | 16 | 9 | 16 | 9 |
| 16 | 18 | 4 | 17 | 6 | 19 | 12 | 19 | 12 | 21 | 8 | 28 | 4 | 16 | 4 | 19 | 10 | 17 | 12 | 18 | 18 | 18 | 13 | 22 | 9 |
| 17 | 20 | 8 | 21 | 7 | 20 | 8 | 21 | 8 | 20 | 8 | 21 | 8 | 22 | 13 | 22 | 12 | 21 | 12 | 24 | 16 | 24 | 16 | 24 | 15 |
| 18 | 20 | 4 | 20 | 4 | 19 | 5 | 20 | 7 | 19 | 8 | 19 | 6 | 18 | 6 | 18 | 6 | 17 | 7 | 19 | 8 | 19 | 7 | 20 | 6 |
| 19 | 25 | 10 | 27 | 15 | 28 | 12 | 29 | 12 | 31 | 10 | 30 | 12 | 29 | 12 | 29 | 8 | 29 | 12 | 28 | 11 | 27 | 15 | 27 | 16 |
| 20 | 26 | 11 | 26 | 7 | 26 | 5 | 26 | 4 | 24 | 4 | 23 | 7 | 22 | 5 | 22 | 5 | 20 | 4 | 19 | 10 | 18 | 7 | 20 | 13 |
| 21 | 28 | 12 | 29 | 7 | 27 | 10 | 28 | 10 | 22 | 8 | 21 | 7 | 21 | 7 | 22 | 7 | 20 | 7 | 21 | 10 | 21 | 7 | 20 | 7 |
| 22 | 19 | 4 | — | 2 | — | 2 | — | 2 | 19 | 5 | 19 | 4 | 18 | 5 | 19 | 11 | 25 | 17 | 25 | 16 | 23 | 10 | 22 | 10 |
| 23 | 30 | 14 | 29 | 15 | 29 | 16 | 30 | 16 | 30 | 17 | 27 | 22 | 28 | 17 | 28 | 19 | 28 | 18 | 28 | 18 | 28 | 18 | 28 | 18 |
| 24 | 17 | 7 | 17 | 7 | 17 | 10 | 16 | 9 | 16 | 9 | 16 | 10 | 16 | 10 | 14 | 11 | 16 | 9 | 16 | 10 | 18 | 18 | 19 | 24 |
| 25 | 21 | 11 | 20 | 10 | 20 | 16 | 19 | 18 | 20 | 15 | 20 | 15 | 19 | 21 | 20 | 16 | 19 | 21 | 19 | 17 | 19 | 21 | 19 | 18 |
| 26 | 22 | 15 | 23 | 15 | 22 | 16 | 23 | 17 | 23 | 15 | 23 | 18 | 24 | 15 | 24 | 15 | 24 | 16 | 25 | 23 | 25 | 19 | 24 | 10 |
| 27 | 18 | 7 | 18 | 10 | 18 | 7 | 17 | 5 | 16 | 6 | 16 | 7 | 16 | 4 | 18 | 7 | 19 | 7 | 17 | 9 | 16 | 7 | 17 | 9 |
| 28 | 15 | 12 | 16 | 10 | 15 | 12 | 15 | 12 | 15 | 12 | 15 | 10 | 14 | 11 | 16 | 11 | 17 | 10 | 17 | 15 | 16 | 14 | 16 | 12 |
| 29 | 20 | 10 | 19 | 11 | 21 | 11 | 19 | 9 | 18 | 7 | 19 | 9 | 19 | 8 | 20 | 7 | 18 | 5 | 18 | 5 | 16 | 4 | 20 | 12 |
| 30 | 19 | 4 | — | 3 | 21 | 8 | 16 | 7 | 21 | 4 | 19 | 4 | 19 | 4 | 20 | 4 | 15 | 7 | 19 | 5 | 20 | 7 | — | 3 |
| Mean ... | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 9 | — | 8 | — | 9 |
| Mean,* 1881–1905. | — | 9·4 | — | 9·4 | — | 9·2 | — | 9·2 | — | 9·2 | — | 9·4 | — | 9·5 | — | 9·8 | — | 9·9 | — | 9·8 | — | 10·2 | — | 10·6 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1897 omitted.

**ABERDEEN.** TABLE IV.—RAINFALL IN ENGLISH INCHES. NOVEMBER, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | ·01 | — | ·01 | ·01 | — | ·01 | ·01 | ·01 | ·02 | — | — | ·09 |
| 3 | ·01 | — | — | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | — | ·05 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·01 | — | — | ·03 |
| 5 | — | — | — | — | — | — | ·01 | ·01 | ·01 | ·02 | ·01 | ·01 | — | — | — | — | ·01 | — | — | — | — | — | — | ·02 | ·10 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·02 | — | — | — | — | — | — | — | ·01 | — | — | — | ·05 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·05 | — | ·01 | ·08 |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | — | — | — | — | ·14 | ·03 | — | ·19 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | ·03 | ·09 | ·04 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·16 |
| 14 | — | — | — | — | — | — | — | ·01 | ·05 | ·04 | ·05 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·15 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | ·01 | ·02 | ·01 | — | — | — | — | ·01 | ·02 | — | ·04 | — | — | — | ·01 | — | — | — | — | — | — | — | ·12 |
| 20 | — | — | — | — | — | — | — | — | — | ·01 | ·03 | ·02 | — | — | — | — | — | — | ·01 | — | — | — | — | ·01 | ·08 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 | ·04 | ·03 | ·01 | ·01 | — | — | — | ·12 |
| 22 | ·01 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | ·01 | ·04 |
| 23 | ·01 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·03 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | ·02 |
| 26 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | ·01 | — | ·01 | — | ·04 | ·01 | — | — | — | — | — | — | — | — | — | ·07 |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | ·04 | — | ·05 | ·13 | ·06 | ·01 | ·01 | ·02 | ·07 | ·09 | ·11 | ·06 | ·06 | ·05 | ·02 | ·04 | ·04 | ·04 | ·05 | ·02 | ·08 | ·24 | ·04 | ·06 | 1·39 |
| Average 1871–1905. | ·143 | ·152 | ·138 | ·167 | ·159 | ·153 | ·139 | ·134 | ·126 | ·122 | ·116 | ·114 | ·115 | ·131 | ·121 | ·111 | ·116 | ·128 | ·121 | ·111 | ·134 | ·151 | ·153 | ·148 | 3·202 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V.) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. NOVEMBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. |
| — | 2 | — | 3 | — | 2 | 18 | 4 | 18 | 5 | — | 2 | — | 1 | — | 2 | 18 | 4 | 18 | 4 | 18 | 4 | — | 3 | 3 | 1 |
| — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 14 | 5 | 14 | 5 | 14 | 7 | 14 | 6 | 14 | 7 | 14 | 7 | 14 | 6 | 3 | 2 |
| 14 | 5 | 14 | 4 | — | 3 | 14 | 4 | 13 | 6 | 13 | 6 | 13 | 5 | 13 | 7 | 13 | 7 | 12 | 9 | 12 | 7 | 12 | 9 | 6 | 3 |
| 12 | 4 | 12 | 5 | 12 | 4 | 12 | 4 | 12 | 4 | 13 | 4 | 13 | 4 | 13 | 4 | 15 | 5 | — | 3 | 17 | 4 | — | 3 | 5 | 4 |
| 16 | 5 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 12 | 4 | 11 | 7 | 9 | 9 | 9 | 12 | 9 | 10 | 9 | 11 | 4 | 5 |
| 12 | 8 | 13 | 7 | 14 | 4 | — | 3 | 16 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 6 | 6 |
| — | 2 | — | 1 | — | 2 | 24 | 4 | — | 3 | 24 | 4 | 24 | 4 | 25 | 7 | 25 | 5 | — | 3 | — | 2 | — | 2 | 3 | 7 |
| — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | — | 3 | 25 | 4 | 25 | 4 | 23 | 4 | 3 | 3 | 4 | 8 |
| 24 | 4 | — | 0 | — | 2 | — | 2 | — | 2 | — | 1 | — | 3 | 24 | 4 | — | 2 | — | 2 | — | 3 | 20 | 4 | 3 | 9 |
| 17 | 6 | 17 | 4 | 17 | 4 | 17 | 4 | 18 | 4 | 19 | 6 | 18 | 4 | 19 | 6 | 20 | 4 | 20 | 6 | 18 | 7 | 18 | 8 | 4 | 10 |
| 16 | 7 | 15 | 6 | 17 | 4 | 16 | 6 | 15 | 7 | 14 | 10 | 15 | 9 | 14 | 12 | 14 | 13 | 14 | 12 | 15 | 13 | 15 | 11 | 8 | 11 |
| 16 | 4 | 20 | 5 | 16 | 5 | 19 | 4 | 19 | 4 | 19 | 7 | 19 | 9 | 20 | 5 | 18 | 4 | 19 | 4 | 19 | 4 | 17 | 6 | 5 | 12 |
| 18 | 5 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 3 | — | 3 | 4 | 13 |
| 27 | 5 | 27 | 6 | 27 | 4 | 27 | 5 | 27 | 8 | 27 | 8 | 27 | 5 | 27 | 4 | — | 3 | — | 2 | — | 2 | 27 | 4 | 5 | 14 |
| 16 | 9 | 17 | 12 | 16 | 9 | 17 | 9 | 17 | 9 | 19 | 10 | 18 | 10 | 18 | 12 | 17 | 9 | 19 | 10 | 17 | 10 | 17 | 11 | 8 | 15 |
| 21 | 10 | 20 | 12 | 19 | 12 | 20 | 15 | 21 | 11 | 20 | 11 | 20 | 11 | 19 | 7 | 21 | 7 | 23 | 6 | 22 | 7 | 21 | 9 | 10 | 16 |
| 24 | 17 | 25 | 15 | 24 | 15 | 23 | 11 | 24 | 12 | 23 | 11 | 21 | 10 | 22 | 7 | 23 | 7 | 19 | 7 | 20 | 6 | 20 | 4 | 11 | 17 |
| 20 | 5 | 17 | 4 | 26 | 11 | 26 | 10 | 27 | 9 | 19 | 5 | 23 | 8 | 20 | 10 | 25 | 11 | 23 | 10 | 22 | 11 | 23 | 9 | 7 | 18 |
| 28 | 16 | 28 | 15 | 26 | 15 | 28 | 12 | 27 | 12 | 27 | 12 | 27 | 11 | 27 | 10 | 28 | 8 | 28 | 7 | 27 | 7 | 27 | 10 | 12 | 19 |
| 26 | 13 | 25 | 17 | 24 | 13 | 24 | 15 | 25 | 21 | 25 | 21 | 25 | 21 | 24 | 19 | 26 | 23 | 26 | 29 | 26 | 30 | 26 | 24 | 14 | 20 |
| 20 | 7 | 20 | 10 | 19 | 7 | 19 | 8 | 19 | 7 | 19 | 5 | 18 | 4 | 16 | 5 | 16 | 5 | 16 | 5 | 18 | 4 | 18 | 6 | 7 | 21 |
| 24 | 10 | 21 | 11 | 20 | 10 | 22 | 10 | 19 | 9 | 21 | 13 | 22 | 8 | 18 | 5 | 20 | 5 | 26 | 12 | 27 | 15 | 29 | 17 | 9 | 22 |
| 28 | 18 | 28 | 12 | 29 | 10 | 28 | 6 | 25 | 7 | 25 | 4 | 25 | 4 | — | 3 | 21 | 4 | 20 | 4 | 18 | 4 | 17 | 7 | 12 | 23 |
| 17 | 18 | 16 | 15 | 16 | 15 | 15 | 10 | 18 | 11 | 22 | 10 | 23 | 6 | 25 | 10 | 22 | 11 | 21 | 10 | 20 | 9 | 20 | 10 | 11 | 24 |
| 20 | 18 | 19 | 15 | 21 | 21 | 20 | 14 | 20 | 15 | 20 | 15 | 20 | 11 | 20 | 15 | 20 | 14 | 20 | 17 | 24 | 27 | 24 | 20 | 17 | 25 |
| 24 | 11 | 24 | 10 | 23 | 7 | 23 | 7 | 22 | 7 | 21 | 4 | 20 | 7 | 21 | 6 | 21 | 6 | 21 | 4 | 20 | 4 | 16 | 6 | 11 | 26 |
| 14 | 6 | 19 | 8 | 20 | 18 | 17 | 15 | 16 | 8 | 15 | 10 | 17 | 7 | 17 | 12 | 16 | 10 | 17 | 14 | 16 | 15 | 16 | 15 | 9 | 27 |
| 18 | 12 | 19 | 10 | 18 | 7 | — | 2 | — | 2 | — | 2 | 21 | 6 | 19 | 10 | 19 | 9 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 28 |
| 17 | 7 | 18 | 10 | 17 | 6 | 19 | 5 | 20 | 7 | 18 | 10 | 20 | 9 | 22 | 10 | 20 | 10 | 20 | 4 | 19 | 6 | 18 | 5 | 8 | 29 |
| 20 | 4 | 26 | 4 | 25 | 7 | 25 | 5 | — | 2 | — | 3 | — | 3 | 23 | 4 | 23 | 4 | 23 | 4 | — | 2 | — | 3 | 4 | 30 |
| — | 8 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 8 | — | 8 | — | 8 | 7 | |
| — | 10·6 | — | 10·2 | — | 9·8 | — | 9·5 | — | 9·5 | — | 9·7 | — | 9·5 | — | 9·5 | — | 9·4 | — | 9·4 | — | 9·2 | — | 9·4 | 9·6 | Mean,* 1881–1905. |

**ABERDEEN.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. NOVEMBER, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | ·6 | ·8 | ·6 | ·9 | ·7 | ·9 | ·2 | — | — | — | — | — | 4·7 | ◺ to ◿, and ∞, early; fine day; cloudy, ≋, at night. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ with ● after 15h.; ≋ lifting about ≋, dull, ●. [18h. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ● showers after 21h. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull to gloomy; ● occasionally. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and showery till about 23h. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 7 | — | — | — | — | — | — | ·3 | — | ·4 | ·2 | ·7 | — | — | — | — | — | — | 1·6 | Cloudy to dull; ● after 21h. |
| 8 | — | — | — | — | — | — | ·5 | ·9 | ·1 | — | ·1 | ·7 | — | — | — | — | — | 2·3 | Alternately cloudy and clear. |
| 9 | — | — | — | — | — | — | ·6 | ·1 | ·1 | — | — | — | — | — | — | — | — | 0·8 | ◺ early; ⊕ mid-day; fine ◫ at 22h. |
| 10 | — | — | — | — | — | — | ·9 | ·9 | 1·0 | ·6 | — | — | — | — | — | — | — | 3·4 | ◺ early; fine but hazy; ⊕ at 10h.–11h. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy, ∞, to dull and ≋; ● in evening. |
| 12 | — | — | — | — | — | ·2 | 1·0 | 1·0 | 1·0 | ·8 | ·1 | — | — | — | — | — | — | 4·1 | ∞; fine day; cloudy at night. |
| 13 | — | — | — | — | — | — | ·7 | ·8 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | 4·0 | Dull, with ● early, then fine to cloudy; |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ● 8h.–11h. [≋. |
| 15 | — | — | — | — | — | — | ·1 | — | ·2 | ·1 | — | — | — | — | — | — | — | 0·4 | Cloudy to dull; gusty at times. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and squally till 15h., then clearing. |
| 17 | — | — | — | — | — | ·3 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | ·1 | — | — | — | — | — | 5·2 | Fine, bright day; ◬ at 17h., and 21h.–22h. |
| 18 | — | — | — | — | — | — | — | — | — | ·2 | ·1 | — | — | — | — | — | — | 0·3 | Overcast to cloudy; clearing in afternoon. |
| 19 | — | — | — | — | — | — | ·5 | ·5 | 1·0 | ·6 | ·8 | ·6 | — | — | — | — | — | 4·0 | Showery to bright; ▲ squall at 13h. |
| 20 | — | — | — | — | — | — | — | — | ·5 | 1·0 | ·1 | ·5 | — | — | — | — | — | 2·1 | Dull, with ✕ showers A.M.; clearing later; |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ●. [but very squally. |
| 22 | — | — | — | — | — | — | ·5 | 1·0 | ·4 | 1·0 | ·5 | — | — | — | — | — | — | 3·4 | Fairly bright day; showers in evening. |
| 23 | — | — | — | — | — | ·5 | ·9 | 1·0 | ·5 | ·9 | ·1 | ·2 | — | — | — | — | — | 4·1 | ● early, then bright but squally. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and very squally; clearing after |
| 25 | — | — | — | — | — | ·2 | ·9 | 1·0 | 1·0 | ·7 | 1·0 | ·1 | — | — | — | — | — | 4·9 | Fine day; ⫽ at 23h. [21h. |
| 26 | — | — | — | — | — | ·7 | ·5 | ·6 | ·6 | ·8 | ·8 | — | — | — | — | — | — | 4·0 | Bright, with ⫽, to overcast; ⊕ at 13h. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 28 | — | — | — | — | — | — | ·3 | — | — | — | — | — | — | — | — | — | — | 0·3 | Cloudy to dull. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●; clearing after 21h. |
| 30 | — | — | — | — | — | — | ·1 | — | — | — | ·1 | — | — | — | — | — | — | 0·2 | Cloudy to clear; overcast at night. |
| | — | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | — | 5·1 | Fine, bright day. |
| | — | — | — | — | — | 2·5 | 7·8 | 10·8 | 11·0 | 10·6 | 9·4 | 3·7 | — | — | — | — | — | 55·8 | Total. |
| | — | — | — | — | 0·12 | 3·27 | 7·65 | 8·67 | 9·49 | 9·56 | 8·14 | 4·01 | 0·37 | — | — | — | — | 51·27 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. NOVEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 42·8 | 40·2 | 38·8 | 40·3 | 39·4 | 37·6 | 37·0 | 38·1 | 37·3 | 38·2 | 40·0 | 43·8 | 47·8 | 50·0 | 51·1 | 51·8 | 49·6 | 48·4 | 47·5 | 46·8 | 44·6 | 45·0 | 46·5 | 46·4 | 46·2 | 43·8 |
| 2 | 46·2 | 44·3 | 43·7 | 44·0 | 46·9 | 47·1 | 47·3 | 47·5 | 47·0 | 45·6 | 45·8 | 46·4 | 48·9 | 50·2 | 50·4 | 49·9 | 50·4 | 50·6 | 50·8 | 50·8 | 50·9 | 51·0 | 51·0 | 51·0 | 50·9 | 48·4 |
| 3 | 50·9 | 51·0 | 51·0 | 51·1 | 51·0 | 50·9 | 50·8 | 50·9 | 51·1 | 51·2 | 51·4 | 51·3 | 51·3 | 51·2 | 51·0 | 51·3 | 50·9 | 51·1 | 50·9 | 51·0 | 50·6 | 50·8 | 50·0 | 50·2 | 50·2 | 50·9 |
| 4 | 50·2 | 50·1 | 50·3 | 50·2 | 50·1 | 50·1 | 49·9 | 50·0 | 50·2 | 50·4 | 50·8 | 51·1 | 51·3 | 51·2 | 50·7 | 50·7 | 50·5 | 50·5 | 50·4 | 50·4 | 50·3 | 49·5 | 48·7 | 49·0 | 49·4 | 50·3 |
| 5 | 49·4 | 49·7 | 49·8 | 49·6 | 49·4 | 49·4 | 48·7 | 48·7 | 48·5 | 48·8 | 49·1 | 49·1 | 49·8 | 49·5 | 49·6 | 49·7 | 49·5 | 48·9 | 48·5 | 48·8 | 49·1 | 48·8 | 48·2 | 47·8 | 47·4 | 49·1 |
| 6 | 47·4 | 47·1 | 47·2 | 47·2 | 47·2 | 47·0 | 47·2 | 47·4 | 47·6 | 46·6 | 47·0 | 48·0 | 47·2 | 46·5 | 46·9 | 47·3 | 47·5 | 47·4 | 47·4 | 47·4 | 47·3 | 47·1 | 46·7 | 46·7 | 45·8 | 47·1 |
| 7 | 45·8 | 46·2 | 46·4 | 46·0 | 45·4 | 44·6 | 43·7 | 44·3 | 42·8 | 42·3 | 43·5 | 44·6 | 47·0 | 47·6 | 47·5 | 47·6 | 46·8 | 45·5 | 44·4 | 42·6 | 41·8 | 43·5 | 44·4 | 44·4 | 44·5 | 44·9 |
| 8 | 44·5 | 46·1 | 45·8 | 45·3 | 44·4 | 43·7 | 43·9 | 43·0 | 43·1 | 43·3 | 44·8 | 46·8 | 46·8 | 47·0 | 47·2 | 46·8 | 46·2 | 46·3 | 45·8 | 44·4 | 44·8 | 43·4 | 44·0 | 39·9 | 39·7 | 44·6 |
| 9 | 39·5 | 38·8 | 38·7 | 38·7 | 38·8 | 36·3 | 36·8 | 35·6 | 36·1 | 37·0 | 37·0 | 39·7 | 40·4 | 41·0 | 42·8 | 43·3 | 42·8 | 40·8 | 40·4 | 38·2 | 37·1 | 36·0 | 36·2 | 36·6 | 37·0 | 38·5 |
| 10 | 38·5 | 38·9 | 38·3 | 38·7 | 37·8 | 37·7 | 36·7 | 36·6 | 35·6 | 39·1 | 40·1 | 41·7 | 42·5 | 43·0 | 43·0 | 41·6 | 40·0 | 39·2 | 37·9 | 37·4 | 37·5 | 38·2 | 38·8 | 39·7 | 40·0 | 39·1 |
| 11 | 40·0 | 40·3 | 40·6 | 40·6 | 41·2 | 41·2 | 41·2 | 41·8 | 42·0 | 43·0 | 44·1 | 44·5 | 47·0 | 46·9 | 47·1 | 46·5 | 46·7 | 47·8 | 48·9 | 49·3 | 50·1 | 50·4 | 50·8 | 50·5 | 51·0 | 45·5 |
| 12 | 51·1 | 51·5 | 51·5 | 50·3 | 50·9 | 49·5 | 48·4 | 47·4 | 45·9 | 46·4 | 47·4 | 49·4 | 50·6 | 51·4 | 51·4 | 50·5 | 48·9 | 47·1 | 47·4 | 47·2 | 46·8 | 46·4 | 46·1 | 45·3 | 47·0 | 48·6 |
| 13 | 47·0 | 48·6 | 49·4 | 49·3 | 48·9 | 48·6 | 48·6 | 47·0 | 45·1 | 43·6 | 43·0 | 45·8 | 47·2 | 48·4 | 48·9 | 48·2 | 46·6 | 45·4 | 44·1 | 43·9 | 43·8 | 40·0 | 40·3 | 39·6 | 41·7 | 39·8 |
| 14 | 39·8 | 39·1 | 38·7 | 38·2 | 39·3 | 39·9 | 40·0 | 40·7 | 41·4 | 42·2 | 43·3 | 44·4 | 45·2 | 46·2 | 46·6 | 46·9 | 46·8 | 46·2 | 46·0 | 46·1 | 46·2 | 44·8 | 43·8 | 42·6 | 42·0 | 43·2 |
| 15 | 42·0 | 41·8 | 42·2 | 42·3 | 43·0 | 42·2 | 43·1 | 43·8 | 43·7 | 45·3 | 45·6 | 46·6 | 48·1 | 48·6 | 49·0 | 48·1 | 47·4 | 47·2 | 47·3 | 47·2 | 47·4 | 46·7 | 46·2 | 46·5 | 46·5 | 45·6 |
| 16 | 46·5 | 46·4 | 46·5 | 46·8 | 46·5 | 47·1 | 47·3 | 47·7 | 47·8 | 48·3 | 49·2 | 49·8 | 50·0 | 50·5 | 51·1 | 51·1 | 50·2 | 49·2 | 48·6 | 48·7 | 49·6 | 45·4 | 44·3 | 41·6 | 42·1 | 47·5 |
| 17 | 42·1 | 41·3 | 40·9 | 39·3 | 41·9 | 40·1 | 39·0 | 40·2 | 41·8 | 42·0 | 44·5 | 45·7 | 45·8 | 46·4 | 46·5 | 46·1 | 44·3 | 43·8 | 43·2 | 42·2 | 42·1 | 42·5 | 40·3 | 41·2 | 41·1 | 42·6 |
| 18 | 41·1 | 40·6 | 41·0 | 42·8 | 44·7 | 44·6 | 44·2 | 44·7 | 45·2 | 45·1 | 45·7 | 47·2 | 48·9 | 48·4 | 48·3 | 49·8 | 48·2 | 46·1 | 44·7 | 44·7 | 43·3 | 43·6 | 42·8 | 42·6 | 41·4 | 44·9 |
| 19 | 41·4 | 42·2 | 41·6 | 40·6 | 41·2 | 40·3 | 40·7 | 40·2 | 38·5 | 38·8 | 38·8 | 38·3 | 40·8 | 42·2 | 37·9 | 38·8 | 37·2 | 36·6 | 36·2 | 35·8 | 35·4 | 34·9 | 35·4 | 35·8 | 35·2 | 38·6 |
| 20 | 35·2 | 34·6 | 34·0 | 34·1 | 33·0 | 34·4 | 34·6 | 33·6 | 34·8 | 35·6 | 36·0 | 34·7 | 36·1 | 43·2 | 43·6 | 42·0 | 41·0 | 40·4 | 41·0 | 41·4 | 39·9 | 41·2 | 41·7 | 41·5 | 40·8 | 37·9 |
| 21 | 40·8 | 40·0 | 39·9 | 37·7 | 38·4 | 38·8 | 38·6 | 39·2 | 40·2 | 39·8 | 41·0 | 41·6 | 42·8 | 43·6 | 44·0 | 43·5 | 42·9 | 42·3 | 42·0 | 42·4 | 43·3 | 42·0 | 42·8 | 43·0 | 43·2 | 41·4 |
| 22 | 43·2 | 43·0 | 43·0 | 43·1 | 43·2 | 43·7 | 43·7 | 45·0 | 46·1 | 49·6 | 47·3 | 47·3 | 47·3 | 47·6 | 47·0 | 45·8 | 44·3 | 42·4 | 42·6 | 41·9 | 41·8 | 41·6 | 41·5 | 41·9 | 44·0 | 44·3 |
| 23 | 44·0 | 43·6 | 44·2 | 43·5 | 41·6 | 42·7 | 39·7 | 39·8 | 39·2 | 39·2 | 40·4 | 40·7 | 40·7 | 42·0 | 41·8 | 41·5 | 39·1 | 38·0 | 37·6 | 37·3 | 36·8 | 36·9 | 37·2 | 38·3 | 38·5 | 40·1 |
| 24 | 38·5 | 39·2 | 40·4 | 41·1 | 43·1 | 45·5 | 45·5 | 46·9 | 46·7 | 47·7 | 49·3 | 50·4 | 51·0 | 50·5 | 49·9 | 50·4 | 51·0 | 52·4 | 52·9 | 50·6 | 49·0 | 45·3 | 43·4 | 44·1 | 44·9 | 41·2 |
| 25 | 41·2 | 40·2 | 39·6 | 39·4 | 38·2 | 37·9 | 39·2 | 37·6 | 37·2 | 38·4 | 38·0 | 39·1 | 41·0 | 42·7 | 42·8 | 41·8 | 40·6 | 39·9 | 40·0 | 39·2 | 40·7 | 39·2 | 39·7 | 41·1 | 37·9 | 39·7 |
| 26 | 37·9 | 37·8 | 39·3 | 37·9 | 39·4 | 39·8 | 40·2 | 40·4 | 40·4 | 40·6 | 41·4 | 42·2 | 42·7 | 42·9 | 43·0 | 41·1 | 39·3 | 39·8 | 37·5 | 37·5 | 39·0 | 39·2 | 39·7 | 40·1 | 40·2 | 40·0 |
| 27 | 40·2 | 40·8 | 41·8 | 41·1 | 41·0 | 42·5 | 43·3 | 44·4 | 44·0 | 44·6 | 45·5 | 45·8 | 47·1 | 47·8 | 48·2 | 49·1 | 48·2 | 48·0 | 48·1 | 48·4 | 49·4 | 49·0 | 49·4 | 49·6 | 49·7 | 46·0 |
| 28 | 49·7 | 50·0 | 49·8 | 50·1 | 49·0 | 49·9 | 49·8 | 49·0 | 49·2 | 49·3 | 49·4 | 49·8 | 50·3 | 52·0 | 51·3 | 49·5 | 48·7 | 48·9 | 47·7 | 47·7 | 47·1 | 46·0 | 46·8 | 45·3 | 49·2 |
| 29 | 45·3 | 44·4 | 43·5 | 43·8 | 43·4 | 41·8 | 41·6 | 41·3 | 41·8 | 41·7 | 42·6 | 43·5 | 44·3 | 44·0 | 45·6 | 45·8 | 46·1 | 46·0 | 44·7 | 44·8 | 47·8 | 50·3 | 49·0 | 46·9 | 45·7 | 44·6 |
| 30 | 45·7 | 44·4 | 45·1 | 45·7 | 44·8 | 44·8 | 45·7 | 45·9 | 44·2 | 44·7 | 45·8 | 47·7 | 48·9 | 49·8 | 51·2 | 51·5 | 48·7 | 46·8 | 44·7 | 43·4 | 40·9 | 39·2 | 39·2 | 37·8 | 37·2 | 45·1 |
| Mean ... | 43·6 | 43·4 | 43·4 | 43·3 | 43·4 | 43·3 | 43·2 | 43·3 | 43·1 | 43·6 | 44·5 | 45·3 | 46·3 | 47·1 | 47·2 | 47·0 | 46·0 | 45·4 | 44·8 | 44·4 | 44·2 | 44·0 | 43·7 | 43·6 | 43·4 | 44·5 |
| Mean, 1871–1905. | 41·5 | 41·4 | 41·4 | 41·3 | 41·2 | 41·1 | 41·1 | 41·1 | 41·1 | 41·2 | 41·8 | 42·5 | 43·5 | 44·1 | 44·6 | 44·5 | 44·2 | 43·5 | 42·9 | 42·5 | 42·2 | 42·0 | 41·9 | 41·7 | 41·5 | 41·4 | 42·2 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). NOVEMBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 88 | 90 | 92 | 89 | 91 | 91 | 92 | 89 | 92 | 93 | 88 | 88 | 80 | 81 | 83 | 80 | 88 | 94 | 93 | 92 | 93 | 93 | 93 | 96 | 96 | 89·7 |
| 2 | 96 | 93 | 92 | 96 | 97 | 98 | 99 | 99 | 99 | 98 | 98 | 98 | 98 | 98 | 97 | 95 | 98 | 98 | 98 | 97 | 98 | 98 | 98 | 93 | 89 | 98·2 |
| 3 | 100 | 99 | 99 | 99 | 98 | 98 | 96 | 96 | 95 | 96 | 95 | 97 | 97 | 98 | 97 | 95 | 98 | 98 | 98 | 97 | 98 | 98 | 98 | 93 | 89 | 97·0 |
| 4 | 89 | 89 | 89 | 88 | 89 | 86 | 87 | 85 | 84 | 84 | 82 | 82 | 83 | 86 | 86 | 86 | 86 | 83 | 84 | 85 | 87 | 93 | 95 | 91 | 90 | 86·6 |
| 5 | 90 | 92 | 93 | 95 | 94 | 92 | 94 | 93 | 93 | 91 | 90 | 93 | 87 | 87 | 89 | 92 | 90 | 93 | 95 | 94 | 90 | 91 | 91 | 89 | 89 | 91·6 |
| 6 | 89 | 87 | 85 | 84 | 83 | 79 | 78 | 79 | 88 | 86 | 79 | 92 | 91 | 95 | 95 | 94 | 93 | 94 | 91 | 91 | 91 | 91 | 92 | 90 | 92 | 88·3 |
| 7 | 92 | 91 | 88 | 90 | 89 | 91 | 92 | 89 | 92 | 92 | 91 | 88 | 85 | 83 | 86 | 85 | 85 | 87 | 90 | 90 | 93 | 94 | 94 | 95 | 95 | 94 | 90·1 |
| 8 | 94 | 82 | 80 | 84 | 86 | 86 | 85 | 87 | 85 | 84 | 83 | 79 | 79 | 79 | 76 | 68 | 73 | 74 | 78 | 79 | 81 | 80 | 84 | 86 | 82 | 81·1 |
| 9 | 82 | 83 | 85 | 83 | 84 | 82 | 85 | 85 | 87 | 85 | 84 | 83 | 81 | 79 | 81 | 81 | 84 | 79 | 82 | 81 | 84 | 86 | 83 | 80 | 77 | 81·8 |
| 10 | 77 | 80 | 80 | 81 | 84 | 82 | 85 | 85 | 87 | 88 | 77 | 74 | 73 | 77 | 75 | 75 | 78 | 77 | 73 | 73 | 77 | 73 | 71 | 70 | 74 | 70 | 77·5 |
| 11 | 70 | 73 | 78 | 80 | 81 | 82 | 83 | 84 | 85 | 83 | 85 | 87 | 83 | 86 | 85 | 92 | 94 | 95 | 96 | 94 | 94 | 93 | 97 | 97 | 96 | 87·1 |
| 12 | 96 | 95 | 96 | 93 | 89 | 89 | 88 | 87 | 84 | 84 | 84 | 81 | 80 | 80 | 73 | 79 | 80 | 83 | 82 | 83 | 82 | 85 | 86 | 89 | 91 | 85·3 |
| 13 | 91 | 88 | 84 | 88 | 92 | 94 | 92 | 96 | 91 | 92 | 94 | 95 | 96 | 96 | 96 | 95 | 94 | 93 | 90 | 91 | 94 | 89 | 92 | 92 | 91 | 94 | 87·6 |
| 14 | 94 | 93 | 94 | 95 | 95 | 94 | 92 | 92 | 92 | 94 | 96 | 95 | 96 | 96 | 96 | 95 | 94 | 93 | 90 | 91 | 89 | 91 | 93 | 95 | 92 | 93·5 |
| 15 | 92 | 92 | 93 | 91 | 89 | 87 | 85 | 84 | 85 | 83 | 87 | 89 | 87 | 83 | 80 | 84 | 83 | 81 | 81 | 83 | 82 | 82 | 83 | 83 | 82 | 85·1 |
| 16 | 82 | 82 | 82 | 80 | 82 | 82 | 82 | 84 | 85 | 85 | 88 | 86 | 85 | 86 | 83 | 85 | 86 | 65 | 67 | 71 | 76 | 70 | 64 | 75 | 72 | 79·5 |
| 17 | 72 | 72 | 70 | 74 | 71 | 74 | 80 | 72 | 70 | 71 | 62 | 64 | 64 | 64 | 62 | 62 | 68 | 66 | 66 | 72 | 73 | 72 | 76 | 77 | 79 | 69·9 |
| 18 | 79 | 80 | 81 | 83 | 83 | 84 | 84 | 86 | 85 | 87 | 87 | 84 | 75 | 83 | 87 | 75 | 77 | 75 | 74 | 72 | 75 | 71 | 75 | 76 | 79 | 80·0 |
| 19 | 79 | 77 | 80 | 86 | 88 | 87 | 86 | 78 | 82 | 84 | 85 | 83 | 81 | 77 | 82 | 78 | 83 | 79 | 80 | 83 | 86 | 88 | 79 | 79 | 79 | 82·0 |
| 20 | 79 | 80 | 79 | 78 | 80 | 74 | 75 | 78 | 71 | 72 | 74 | 87 | 86 | 73 | 71 | 74 | 77 | 76 | 74 | 78 | 73 | 73 | 77 | 80 | 74 | 76·3 |
| 21 | 80 | 84 | 84 | 84 | 82 | 80 | 79 | 78 | 74 | 74 | 74 | 76 | 74 | 75 | 75 | 78 | 84 | 92 | 93 | 94 | 93 | 94 | 94 | 94 | 92 | 83·1 |
| 22 | 92 | 93 | 94 | 93 | 92 | 92 | 92 | 91 | 91 | 71 | 69 | 70 | 67 | 65 | 65 | 66 | 70 | 76 | 75 | 78 | 79 | 80 | 85 | 88 | 81 | 80·4 |
| 23 | 81 | 80 | 72 | 72 | 82 | 69 | 80 | 78 | 81 | 76 | 72 | 74 | 77 | 73 | 74 | 71 | 75 | 76 | 76 | 76 | 76 | 81 | 79 | 73 | 72 | 75·8 |
| 24 | 72 | 73 | 76 | 79 | 81 | 83 | 87 | 88 | 89 | 91 | 87 | 83 | 84 | 89 | 94 | 91 | 89 | 84 | 70 | 74 | 71 | 71 | 70 | 71 | 68 | 81·0 |
| 25 | 68 | 73 | 72 | 75 | 80 | 82 | 78 | 86 | 84 | 79 | 82 | 79 | 76 | 71 | 70 | 73 | 76 | 76 | 75 | 78 | 71 | 78 | 76 | 73 | 87 | 76·7 |
| 26 | 87 | 83 | 72 | 79 | 72 | 70 | 68 | 70 | 69 | 68 | 67 | 66 | 65 | 66 | 65 | 72 | 74 | 70 | 76 | 71 | 69 | 68 | 66 | 72 | 74 | 70·8 |
| 27 | 74 | 77 | 86 | 89 | 90 | 87 | 88 | 88 | 89 | 87 | 84 | 86 | 83 | 81 | 78 | 72 | 79 | 84 | 84 | 82 | 80 | 88 | 88 | 86 | 86 | 84·0 |
| 28 | 86 | 84 | 87 | 85 | 87 | 87 | 87 | 93 | 90 | 89 | 93 | 94 | 94 | 94 | 92 | 96 | 87 | 89 | 80 | 76 | 79 | 79 | 79 | 74 | 75 | 86·5 |
| 29 | 75 | 76 | 75 | 72 | 75 | 82 | 82 | 82 | 79 | 79 | 80 | 78 | 76 | 83 | 82 | 85 | 81 | 78 | 83 | 82 | 75 | 70 | 74 | 82 | 85 | 78·8 |
| 30 | 85 | 86 | 83 | 82 | 84 | 84 | 82 | 82 | 85 | 84 | 81 | 78 | 77 | 77 | 73 | 70 | 74 | 80 | 84 | 86 | 87 | 90 | 90 | 90 | 89 | 82·4 |
| Mean ... | 84·4 | 84·2 | 84·0 | 84·0 | 85·7 | 85·0 | 85·5 | 85·4 | 85·2 | 83·9 | 82·7 | 83·1 | 81·4 | 81·1 | 80·9 | 81·3 | 83·1 | 82·7 | 82·5 | 83·4 | 83·2 | 83·8 | 84·0 | 84·5 | 84·4 | 83·6 |
| Mean, 1886–1905. | 83·8 | 83·8 | 84·0 | 83·7 | 83·6 | 83·8 | 83·7 | 83·8 | 83·4 | 82·7 | 81·1 | 79·9 | 78·6 | 78·3 | 78·5 | 79·7 | 80·6 | 81·7 | 82·0 | 82·5 | 82·5 | 83·1 | 83·0 | 83·4 | 83·4 | 82·1 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. NOVEMBER, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. NOVEMBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 9·920 | 9·827 | 57·7 | 55·0 | 9 | 9·638 | 9·462 | 52·0 | 46·3 | 17 | **0·283** | 0·030 | 52·1 | 46·2 | 25 | 0·014 | 9·865 | 52·2 | 45·5 |
| 2 | 9·827 | 9·734 | **59·5** | 54·1 | 10 | 9·678 | 9·616 | 54·7 | 44·8 | 18 | 0·279 | 9·981 | 53·0 | 47·9 | 26 | 0·134 | 0·006 | 54·3 | 45·9 |
| 3 | 9·782 | 9·733 | 57·1 | 53·9 | 11 | 9·716 | 9·587 | 59·0 | 54·7 | 19 | 0·093 | 9·863 | 53·3 | 46·4 | 27 | 0·096 | 9·791 | 53·8 | 47·1 |
| 4 | 9·859 | 9·741 | 55·9 | 52·7 | 12 | 9·821 | 9·677 | 59·1 | 52·2 | 20 | 0·085 | 9·966 | 53·7 | 45·4 | 28 | 9·864 | 9·723 | 56·6 | 53·6 |
| 5 | 9·889 | 9·839 | 55·1 | 52·3 | 13 | 9·795 | 9·092 | 59·1 | 51·7 | 21 | 0·022 | 9·658 | 55·6 | 47·8 | 29 | 0·172 | 9·864 | 55·0 | 49·0 |
| 6 | 9·839 | 9·713 | 53·1 | 50·7 | 14 | 9·991 | 9·722 | 53·1 | 49·3 | 22 | 0·668 | 9·509 | 56·6 | 50·2 | 30 | 0·173 | 0·126 | 55·5 | 50·3 |
| 7 | 9·713 | 9·466 | 54·1 | 46·7 | 15 | 0·088 | 9·991 | 51·3 | 44·2 | 23 | 0·080 | 9·655 | 52·1 | 45·3 | | | | | |
| 8 | 9·462 | **9·344** | 48·0 | 43·3 | 16 | 0·082 | 9·986 | 51·5 | **41·4** | 24 | 0·066 | 9·839 | 54·6 | 46·0 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 54·6 | 48·7 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. NOVEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 9·916 | 9·904 | 9·902 | 9·888 | 9·880 | 9·882 | 9·874 | 9·874 | 9·878 | 9·878 | 9·876 | 9·877 | 9·869 | 9·861 | 9·841 | 9·837 | 9·837 | 9·835 | 9·843 | 9·845 | 9·845 | 9·845 | 9·841 | 9·835 | 9·827 | 9·863 |
| 2 | 9·827 | 9·813 | 9·809 | 9·803 | 9·795 | 9·789 | 9·783 | 9·787 | 9·789 | 9·787 | 9·779 | 9·768 | 9·754 | 9·748 | 9·738 | 9·736 | 9·749 | 9·744 | 9·752 | 9·756 | 9·754 | 9·758 | 9·758 | 9·754 | 9·758 | 9·770 |
| 3 | 9·758 | 9·754 | 9·758 | 9·754 | 9·754 | 9·750 | 9·754 | 9·762 | 9·774 | 9·774 | 9·782 | 9·777 | 9·769 | 9·761 | 9·757 | 9·745 | 9·735 | 9·739 | 9·743 | 9·749 | 9·749 | 9·753 | 9·753 | 9·755 | 9·756 |
| 4 | 9·755 | 9·753 | 9·747 | 9·745 | 9·741 | 9·749 | 9·753 | 9·759 | 9·775 | 9·783 | 9·793 | 9·801 | 9·799 | 9·793 | 9·793 | 9·797 | 9·799 | 9·803 | 9·819 | 9·831 | 9·841 | 9·843 | 9·853 | 9·859 | 9·859 | 9·791 |
| 5 | 9·859 | 9·855 | 9·853 | 9·845 | 9·853 | 9·855 | 9·861 | 9·873 | 9·881 | 9·889 | 9·885 | 9·885 | 9·877 | 9·861 | 9·853 | 9·849 | 9·847 | 9·849 | 9·853 | 9·859 | 9·855 | 9·847 | 9·841 | 9·839 | 9·862 | |
| 6 | 9·839 | 9·833 | 9·825 | 9·815 | 9·811 | 9·811 | 9·811 | 9·811 | 9·813 | 9·815 | 9·813 | 9·813 | 9·807 | 9·799 | 9·791 | 9·785 | 9·787 | 9·779 | 9·779 | 9·771 | 9·763 | 9·751 | 9·739 | 9·729 | 9·713 | 9·793 |
| 7 | 9·713 | 9·691 | 9·681 | 9·665 | 9·663 | 9·653 | 9·643 | 9·637 | 9·629 | 9·621 | 9·613 | 9·582 | 9·562 | 9·532 | 9·488 | 9·468 | 9·452 | 9·448 | 9·444 | 9·432 | 9·420 | 9·416 | 9·398 | 9·382 | 9·366 | 9·544 |
| 8 | 9·366 | 9·354 | 9·360 | 9·354 | 9·348 | 9·344 | 9·346 | 9·356 | 9·372 | 9·374 | 9·388 | 9·394 | 9·374 | 9·368 | 9·368 | 9·380 | 9·394 | 9·402 | 9·416 | 9·428 | 9·442 | 9·444 | 9·460 | 9·456 | 9·462 | 9·389 |
| 9 | 9·462 | 9·464 | 9·476 | 9·480 | 9·486 | 9·496 | 9·510 | 9·526 | 9·556 | 9·569 | 9·574 | 9·574 | 9·578 | 9·578 | 9·578 | 9·582 | 9·586 | 9·590 | 9·604 | 9·606 | 9·614 | 9·624 | 9·626 | 9·626 | 9·638 | 9·560 |
| 10 | 9·638 | 9·630 | 9·630 | 9·630 | 9·632 | 9·638 | 9·642 | 9·648 | 9·660 | 9·664 | 9·666 | 9·666 | 9·652 | 9·646 | 9·624 | 9·630 | 9·628 | 9·622 | 9·636 | 9·644 | 9·648 | 9·656 | 9·664 | 9·674 | 9·678 | 9·645 |
| 11 | 9·678 | 9·682 | 9·686 | 9·690 | 9·696 | 9·698 | 9·700 | 9·700 | 9·712 | 9·712 | 9·712 | 9·707 | 9·693 | 9·677 | 9·653 | 9·643 | 9·625 | 9·613 | 9·607 | 9·593 | 9·589 | 9·613 | 9·637 | 9·657 | 9·677 | 9·666 |
| 12 | 9·677 | 9·691 | 9·717 | 9·731 | 9·749 | 9·757 | 9·771 | 9·781 | 9·803 | 9·807 | 9·813 | 9·821 | 9·817 | 9·813 | 9·803 | 9·799 | 9·803 | 9·799 | 9·807 | 9·797 | 9·799 | 9·785 | 9·779 | 9·765 | 9·759 | 9·780 |
| 13 | 9·759 | 9·739 | 9·737 | 9·729 | 9·735 | 9·741 | 9·743 | 9·751 | 9·775 | 9·781 | 9·791 | 9·794 | 9·788 | 9·770 | 9·760 | 9·750 | 9·744 | 9·734 | 9·728 | 9·718 | 9·708 | 9·692 | 9·702 | 9·706 | 9·722 | 9·744 |
| 14 | 9·722 | 9·728 | 9·742 | 9·742 | 9·748 | 9·754 | 9·770 | 9·790 | 9·820 | 9·842 | 9·872 | 9·887 | 9·889 | 9·901 | 9·901 | 9·905 | 9·915 | 9·931 | 9·959 | 9·957 | 9·967 | 9·981 | 9·977 | 9·989 | 9·991 | 9·868 |
| 15 | 9·991 | 9·997 | 0·005 | 0·009 | 0·009 | 0·019 | 0·023 | 0·029 | 0·047 | 0·059 | 0·065 | 0·072 | 0·072 | 0·064 | 0·058 | 0·058 | 0·068 | 0·070 | 0·082 | 0·086 | 0·088 | 0·086 | 0·078 | 0·076 | 0·082 | 0·052 |
| 16 | 0·082 | 0·072 | 0·074 | 0·062 | 0·054 | 0·046 | 0·044 | 0·038 | 0·042 | 0·042 | 0·044 | 0·038 | 0·018 | 0·004 | 9·994 | 9·988 | 9·986 | 9·992 | 0·004 | 0·002 | 0·012 | 0·012 | 0·024 | 0·018 | 0·038 | 0·028 |
| 17 | 0·038 | 0·038 | 0·046 | 0·054 | 0·064 | 0·072 | 0·094 | 0·108 | 0·146 | 0·160 | 0·188 | 0·199 | 0·207 | 0·207 | 0·209 | 0·229 | 0·233 | 0·237 | 0·253 | 0·263 | 0·269 | 0·277 | 0·279 | 0·279 | 0·279 | 0·178 |
| 18 | 0·279 | 0·271 | 0·275 | 0·271 | 0·265 | 0·265 | 0·253 | 0·243 | 0·249 | 0·245 | 0·235 | 0·231 | 0·201 | 0·175 | 0·157 | 0·141 | 0·121 | 0·117 | 0·111 | 0·105 | 0·085 | 0·063 | 0·031 | 0·003 | 9·981 | 0·177 |
| 19 | 9·981 | 9·963 | 9·941 | 9·913 | 9·879 | 9·877 | 9·865 | 9·869 | 9·885 | 9·905 | 9·941 | 9·961 | 9·963 | 9·975 | 9·987 | 0·001 | 0·023 | 0·045 | 0·073 | 0·067 | 0·079 | 0·091 | 0·087 | 0·081 | 9·981 | 9·979 |
| 20 | 0·081 | 0·073 | 0·057 | 0·051 | 0·039 | 0·033 | 0·025 | 0·013 | 9·995 | 9·993 | 9·981 | 9·978 | 9·960 | 9·930 | 9·920 | 9·916 | 9·920 | 9·922 | 9·940 | 9·944 | 9·952 | 9·960 | 9·960 | 9·970 | 9·986 | 9·982 |
| 21 | 9·980 | 9·970 | 9·976 | 9·976 | 9·978 | 9·984 | 9·998 | 9·998 | 0·010 | 0·008 | 0·016 | 0·012 | 9·990 | 9·972 | 9·960 | 9·938 | 9·898 | 9·866 | 9·840 | 9·788 | 9·742 | 9·696 | 9·676 | 9·664 | 9·668 | 9·908 |
| 22 | 9·668 | 9·650 | 9·640 | 9·618 | 9·586 | 9·596 | 9·592 | 9·586 | 9·578 | 9·596 | 9·592 | 9·575 | 9·555 | 9·535 | 9·525 | 9·509 | 9·531 | 9·559 | 9·583 | 9·605 | 9·607 | 9·609 | 9·617 | 9·619 | 9·655 | 9·589 |
| 23 | 9·655 | 9·677 | 9·693 | 9·717 | 9·733 | 9·775 | 9·817 | 9·831 | 9·859 | 9·885 | 9·933 | 9·950 | 9·968 | 9·982 | 0·003 | 0·012 | 0·028 | 0·046 | 0·070 | 0·072 | 0·080 | 0·066 | 0·062 | 0·064 | 0·024 | |
| 24 | 0·064 | 0·060 | 0·056 | 0·046 | 0·028 | 0·024 | 0·010 | 0·002 | 0·000 | 9·992 | 9·984 | 9·967 | 9·943 | 9·925 | 9·915 | 9·901 | 9·891 | 9·887 | 9·879 | 9·867 | 9·861 | 9·855 | 9·847 | 9·839 | 9·865 | 9·948 |
| 25 | 9·865 | 9·879 | 9·891 | 9·905 | 9·925 | 9·933 | 9·929 | 9·933 | 9·951 | 9·959 | 9·971 | 9·972 | 9·964 | 9·954 | 9·950 | 9·950 | 9·962 | 9·960 | 9·970 | 9·974 | 9·984 | 9·986 | 9·994 | 9·996 | 0·004 | 9·951 |
| 26 | 0·014 | 0·014 | 0·024 | 0·026 | 0·032 | 0·034 | 0·030 | 0·056 | 0·086 | 0·104 | 0·118 | 0·124 | 0·118 | 0·116 | 0·108 | 0·106 | 0·124 | 0·124 | 0·132 | 0·126 | 0·120 | 0·114 | 0·108 | 0·106 | 0·096 | 0·088 |
| 27 | 0·096 | 0·082 | 0·072 | 0·058 | 0·044 | 0·016 | 0·002 | 9·998 | 0·004 | 9·988 | 9·974 | 9·979 | 9·959 | 9·933 | 9·907 | 9·889 | 9·873 | 9·863 | 9·855 | 9·843 | 9·839 | 9·825 | 9·811 | 9·797 | 9·791 | 9·940 |
| 28 | 9·791 | 9·767 | 9·757 | 9·739 | 9·727 | 9·727 | 9·725 | 9·723 | 9·729 | 9·727 | 9·735 |

**FALMOUTH.** TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. NOVEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 11 | 5 | 12 | 4 | 10 | 5 | 9 | 5 | 10 | 5 | 10 | 5 | 10 | 5 | 11 | 5 | 9 | 5 | 10 | 7 | 13 | 5 | 14 | 4 |
| 2 | 9 | 6 | 9 | 5 | 9 | 6 | 9 | 6 | 10 | 5 | 8 | 7 | 9 | 7 | 8 | 6 | 9 | 6 | 7 | 6 | 6 | 7 | 7 | 10 |
| 3 | 7 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 8 | 7 | 7 | 7 | 6 | 8 | 7 | 11 | 8 | 11 |
| 4 | 8 | 8 | 9 | 9 | 8 | 7 | 8 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 8 | 7 | 7 | 7 | 7 | 9 | 8 | 9 | 8 | 8 |
| 5 | 9 | 12 | 9 | 10 | 9 | 11 | 8 | 8 | 7 | 7 | 7 | 7 | 6 | 8 | 8 | 9 | 8 | 11 | 9 | 12 | 9 | 10 | 10 | 12 |
| 6 | 11 | 10 | 10 | 10 | 11 | 10 | 11 | 11 | 10 | 10 | 11 | 10 | 11 | 10 | 11 | 9 | 8 | 10 | 9 | 10 | 7 | 9 | 6 | 9 |
| 7 | 10 | 10 | 9 | 11 | 9 | 12 | 9 | 12 | 9 | 10 | 9 | 10 | 9 | 10 | 9 | 11 | 9 | 14 | 9 | 13 | 9 | 15 | 9 | 14 |
| 8 | 5 | 12 | 6 | 12 | 5 | 10 | 6 | 10 | 4 | 14 | 4 | 12 | 4 | 12 | 6 | 11 | 5 | 12 | 5 | 12 | 4 | 12 | 5 | 12 |
| 9 | 6 | 10 | 5. | 10 | 5 | 10 | 6 | 10 | 7 | 9 | 8 | 13 | 6 | 9 | 6 | 8 | 6 | 9 | 6 | 10 | 8 | 10 | 9 | 12 |
| 10 | 12 | 10 | 13 | 9 | 13 | 10 | 13 | 8 | 14 | 8 | 14 | 7 | 14 | 8 | 14 | 9 | 14 | 9 | 14 | 10 | 14 | 12 | 14 | 10 |
| 11 | 20 | 11 | 19 | 11 | 19 | 10 | 19 | 10 | 19 | 10 | 19 | 11 | 19 | 11 | 18 | 10 | 18 | 12 | 18 | 14 | 18 | 16 | 18 | 14 |
| 12 | 22 | 8 | 22 | 7 | 22 | 7 | 22 | 6 | 22 | 5 | 21 | 6 | 21 | 4 | 22 | 4 | 21 | 7 | 20 | 5 | 18 | 7 | 18 | 7 |
| 13 | 17 | 9 | 19 | 15 | 19 | 15 | 23 | 7 | 20 | 10 | 21 | 10 | 22 | 7 | 22 | 4 | — | 3 | 20 | 4 | 20 | 7 | 19 | 8 |
| 14 | 22 | 7 | 22 | 7 | 22 | 8 | 24 | 10 | 25 | 10 | 26 | 13 | 27 | 15 | 27 | 13 | 28 | 13 | 28 | 12 | 28 | 15 | 28 | 14 |
| 15 | 31 | 10 | 31 | 11 | 32 | 12 | 32 | 8 | 2 | 6 | 2 | 5 | — | 3 | 32 | 4 | 32 | 4 | 32 | 4 | — | 3 | 6 | 4 |
| 16 | — | 3 | 32 | 4 | — | 3 | — | 3 | 32 | 4 | 32 | 4 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 |
| 17 | 28 | 4 | 30 | 5 | 31 | 4 | — | 3 | 31 | 6 | 31 | 4 | 31 | 5 | 31 | 4 | 30 | 4 | 29 | 6 | 30 | 5 | 29 | 5 |
| 18 | 24 | 5 | 24 | 4 | 23 | 5 | 23 | 5 | — | 3 | — | 3 | 23 | 5 | 24 | 5 | 25 | 7 | 22 | 9 | 21 | 10 | 21 | 9 |
| 19 | 24 | 15 | 24 | 15 | 24 | 15 | 24 | 18 | 26 | 21 | 27 | 20 | 29 | 19 | 29 | 18 | 30 | 17 | 30 | 16 | 30 | 15 | 30 | 15 |
| 20 | 29 | 4 | 29 | 4 | 25 | 4 | 25 | 6 | 25 | 4 | — | 3 | — | 2 | 22 | 4 | 22 | 8 | 19 | 10 | 20 | 10 | 20 | 7 |
| 21 | 28 | 7 | 30 | 7 | 29 | 7 | 29 | 7 | 31 | 4 | 31 | 5 | 30 | 4 | 30 | 5 | 29 | 5 | 28 | 5 | 25 | 5 | 24 | 5 |
| 22 | 25 | 23 | 26 | 22 | 25 | 25 | 25 | 26 | 25 | 24 | 25 | 23 | 25 | 23 | 25 | 22 | 25 | 22 | 24 | 18 | 24 | 21 | 23 | 25 |
| 23 | 26 | 26 | 26 | 28 | 27 | 26 | 27 | 26 | 28 | 22 | 28 | 20 | 28 | 18 | 28 | 18 | 28 | 15 | 28 | 15 | 29 | 14 | 28 | 14 |
| 24 | 22 | 4 | — | 3 | 20 | 6 | 19 | 13 | 18 | 12 | 19 | 11 | 19 | 12 | 19 | 12 | 18 | 11 | 18 | 14 | 18 | 17 | 18 | 15 |
| 25 | 26 | 8 | 27 | 7 | 28 | 5 | 26 | 7 | 27 | 4 | — | 3 | 24 | 4 | 24 | 5 | 24 | 5 | 24 | 7 | 24 | 7 | 23 | 10 |
| 26 | 23 | 9 | 23 | 8 | 23 | 10 | 24 | 9 | 23 | 10 | 22 | 10 | 22 | 7 | 22 | 8 | 22 | 8 | 22 | 8 | 22 | 11 | 23 | 9 |
| 27 | 17 | 9 | 17 | 8 | 17 | 7 | 17 | 7 | 16 | 10 | 17 | 9 | 17 | 6 | 16 | 9 | 15 | 10 | 15 | 12 | 15 | 12 | 15 | 12 |
| 28 | 16 | 13 | 16 | 12 | 16 | 13 | 16 | 12 | 16 | 15 | 16 | 15 | 16 | 15 | 16 | 15 | 16 | 15 | 16 | 16 | 16 | 16 | 17 | 17 |
| 29 | 19 | 10 | 28 | 4 | 31 | 6 | 31 | 9 | 31 | 8 | 31 | 8 | 32 | 8 | 32 | 7 | 32 | 5 | 31 | 6 | 31 | 7 | 32 | 6 |
| 30 | — | 2 | — | 2 | — | 2 | 8 | 4 | 9 | 5 | 8 | 5 | 7 | 6 | 8 | 7 | 8 | 7 | 9 | 7 | 10 | 6 | 10 | 6 |
| Mean ... | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 10 | — | 10 | — | 10 |
| Mean, 1881–1905. | — | 10·3 | — | 10·4 | — | 10·3 | — | 10·4 | — | 10·2 | — | 10·1 | — | 10·3 | — | 10·3 | — | 10·6 | — | 11·0 | — | 12·0 | — | 12·2 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**FALMOUTH.** TABLE IV.—Rainfall in English Inches. NOVEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·20 | ·05 | ·01 | — | — | — | — | — | — | — | — | ·27 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·04 | ·08 | — | — | — | — | — | — | — | — | ·12 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·07 | ·05 | — | — | — | ·14 |
| 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | ·01 |
| 19 | ·03 | — | — | — | — | — | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·05 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·06 | ·06 | ·07 | ·01 | ·01 | — | — | — | ·21 |
| 22 | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | ·02 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | ·01 | ·02 | ·01 | ·04 | — | ·10 |
| 25 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | ·03 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·18 | ·06 | ·03 | ·01 | ·30 |
| 29 | ·05 | ·02 | ·02 | ·02 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·13 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | ·12 | ·02 | ·03 | ·02 | ·02 | ·01 | ·02 | — | ·01 | — | — | — | — | ·01 | ·21 | ·11 | ·10 | ·07 | ·06 | ·10 | ·28 | ·13 | ·07 | ·02 | 1·41 |
| Average 1871–1905. | ·207 | ·211 | ·240 | ·266 | ·197 | ·221 | ·217 | ·248 | ·213 | ·218 | ·196 | ·207 | ·200 | ·258 | ·205 | ·241 | ·268 | ·264 | ·231 | ·196 | ·206 | ·197 | ·186 | ·195 | 5·289 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



**FALMOUTH.** TABLE V.—Duration of Bright Sunshine in Hours. NOVEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ and overcast all day. |
| 2 | — | — | — | — | — | ·2 | ·5 | ·9 | 1·0 | ·8 | 1·0 | ·5 | — | — | — | — | 4·9 | Fair to bright. |
| 3 | — | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·7 | ·1 | — | — | — | — | 6·7 | Fine day. |
| 4 | — | — | — | — | — | ·1 | ·5 | — | — | — | — | — | ·1 | — | — | — | — | 0·6 | Fair till 10h., then overcast and ≋. |
| 5 | — | — | — | — | — | ·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | ·2 | — | — | — | — | 6·8 | Fine and bright. |
| 6 | — | — | — | — | — | — | ·1 | — | — | — | ·1 | — | — | — | — | — | — | 0·2 | Overcast most of day. |
| 7 | — | — | — | — | — | — | ·9 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | — | — | 4·2 | Cloudy to bright. |
| 8 | — | — | — | — | — | ·8 | ·9 | 1·0 | 1·0 | 1·0 | 1·0 | ·4 | — | — | — | — | — | 7·1 | Very fine day. |
| 9 | — | — | — | — | — | ·3 | ·9 | ·9 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | 6·6 | Fine day ; Easterly breezes. |
| 10 | — | — | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | — | — | — | 3·1 | Fine till 12h. ; ●2 in afternoon. |
| 11 | — | — | — | — | — | ·1 | ·3 | ·8 | 1·0 | — | — | — | — | — | — | — | — | 2·2 | A.M. fine ; P.M. overcast and ●. |
| 12 | — | — | — | — | — | ·6 | ·3 | ·5 | ·9 | ·3 | ·1 | — | — | — | — | — | — | 2·7 | Bright to dull. |
| 13 | — | — | — | — | ·3 | ·8 | ·4 | ·4 | ·1 | ·7 | ·2 | — | — | — | — | — | — | 2·9 | ● early and late, but fair most of day. |
| 14 | — | — | — | — | ·5 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·9 | ·5 | — | — | — | — | 7·9 | Very fine and bright. |
| 15 | — | — | — | — | ·1 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 7·1 | Fine day, low ≋0 in evening. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast to cloudy ; ●0. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 18 | — | — | — | — | — | ·3 | ·1 | ·1 | — | — | ·4 | ·3 | ·1 | — | — | — | — | 1·3 | Fair. |
| 19 | — | — | — | — | — | ·9 | 1·0 | ·6 | ·8 | ·7 | ·6 | ·8 | ·1 | — | — | — | — | 5·5 | ●0 early, then fine. |
| 20 | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | 0·1 | Overcast all day, clearing at night. |
| 21 | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | 0·1 | Dull day, becoming wet and squally after 18h. |
| 22 | — | — | — | — | — | — | — | ·2 | ·1 | — | — | — | — | — | — | — | — | 0·3 | Damp, squally day. |
| 23 | — | — | — | — | — | ·5 | 1·0 | 1·0 | ·9 | ·9 | ·5 | ·8 | — | — | — | — | — | 5·6 | Fine. |
| 24 | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | — | — | 0·2 | Overcast generally ; ● from 17h. |
| 25 | — | — | — | — | — | ·4 | ·9 | 1·0 | 1·0 | 1·0 | ·9 | ·7 | — | — | — | — | — | 5·9 | ●0 at 1h. and 16h., otherwise fine. |
| 26 | — | — | — | — | — | ·8 | 1·0 | 1·0 | ·6 | ·7 | 1·0 | ·8 | — | — | — | — | — | 5·9 | Fine. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day, with ●2 in evening. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● till 5h. ; dull. |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | — | — | — | — | — | ·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·2 | — | — | — | — | — | 5·9 | Very fine day. |
| | — | — | — | — | 1·0 | 9·5 | 13·3 | 15·0 | 15·4 | 13·5 | 12·4 | 11·1 | 2·6 | — | — | — | — | 93·8 | Total. |
| | — | — | — | 0·04 | 1·96 | 8·21 | 10·42 | 11·13 | 10·89 | 10·73 | 9·70 | 7·14 | 1·80 | — | — | — | — | 72·00 | Mean Total, 1881–1905. |

TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. NOVEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 55·0 | 55·6 | 55·2 | 55·1 | 55·1 | 55·2 | 55·1 | 55·7 | 56·1 | 56·7 | 57·1 | 57·7 | 57·4 | 57·7 | 57·0 | 57·0 | 57·1 | 56·9 | 56·9 | 56·8 | 56·8 | 56·8 | 56·7 | 56·9 | 56·8 | 56·4 |
| 2 | 56·8 | 56·3 | 56·0 | 55·0 | 54·9 | 55·0 | 55·9 | 55·8 | 55·9 | 56·5 | 58·0 | 58·1 | 59·0 | 59·3 | 59·0 | 58·8 | 58·1 | 57·2 | 56·8 | 56·3 | 56·2 | 56·1 | 56·1 | 56·1 | 56·0 | 56·8 |
| 3 | 56·0 | 56·0 | 55·8 | 55·7 | 55·2 | 55·1 | 54·9 | 55·0 | 55·2 | 56·0 | 56·3 | 56·8 | 56·9 | 56·8 | 56·1 | 55·4 | 55·2 | 54·9 | 54·2 | 54·0 | 54·1 | 54·9 | 54·8 | 54·9 | 54·5 | 55·4 |
| 4 | 54·5 | 54·6 | 54·6 | 54·7 | 54·4 | 54·0 | 53·8 | 53·8 | 54·0 | 54·3 | 54·9 | 55·4 | 55·8 | 55·5 | 54·0 | 53·2 | 53·0 | 53·2 | 53·0 | 52·9 | 52·8 | 52·9 | 54·1 | 54·7 | 54·3 | 54·1 |
| 5 | 54·3 | 54·3 | 54·6 | 55·0 | 54·2 | 53·6 | 53·0 | 52·9 | 53·7 | 54·1 | 54·2 | 54·7 | 54·9 | 55·1 | 54·7 | 54·1 | 53·8 | 53·2 | 53·0 | 53·0 | 52·9 | 52·8 | 52·9 | 52·9 | 52·3 | 53·8 |
| 6 | 52·3 | 52·1 | 52·0 | 52·0 | 51·9 | 51·8 | 51·4 | 51·3 | 51·8 | 52·0 | 53·0 | 52·9 | 52·0 | 52·1 | 52·0 | 52·0 | 51·5 | 50·9 | 50·9 | 51·0 | 51·2 | 51·7 | 51·2 | 51·1 | 51·2 | 51·8 |
| 7 | 51·2 | 51·3 | 51·0 | 50·3 | 50·1 | 50·0 | 50·0 | 50·1 | 50·2 | 51·0 | 51·7 | 52·9 | 53·2 | 53·4 | 53·0 | 52·1 | 51·6 | 51·3 | 50·8 | 50·2 | 50·3 | 49·0 | 48·7 | 47·0 | 46·8 | 50·8 |
| 8 | 46·8 | 47·0 | 46·6 | 46·3 | 45·8 | 45·0 | 44·9 | 44·1 | 43·8 | 44·0 | 44·9 | 46·0 | 46·0 | 46·9 | 47·3 | 47·9 | 47·4 | 46·7 | 45·7 | 43·6 | 44·3 | 46·1 | 46·0 | 46·1 | 46·3 | 45·7 |
| 9 | 46·3 | 47·0 | 47·8 | 47·8 | 47·9 | 48·1 | 49·4 | 48·8 | 48·8 | 48·8 | 48·9 | 49·5 | 51·0 | 51·3 | 50·4 | 51·2 | 50·7 | 49·7 | 48·9 | 48·3 | 48·2 | 48·2 | 48·1 | 48·1 | 48·0 | 48·9 |
| 10 | 48·0 | 47·7 | 47·1 | 46·8 | 46·0 | 45·0 | 44·8 | 45·0 | 45·8 | 47·0 | 47·8 | 49·0 | 49·3 | 50·0 | 50·1 | 49·2 | 49·8 | 51·1 | 52·8 | 53·0 | 53·0 | 53·0 | 53·8 | 53·2 | 53·9 | 54·7 |
| 11 | 54·7 | 55·0 | 55·0 | 55·2 | 55·2 | 55·4 | 55·8 | 55·8 | 55·9 | 56·7 | 57·2 | 57·9 | 58·5 | 58·2 | 57·9 | 57·1 | 57·0 | 56·2 | 56·7 | 56·9 | 57·0 | 56·8 | 56·3 | 56·0 | 55·3 | 56·5 |
| 12 | 55·3 | 54·7 | 53·1 | 53·0 | 53·0 | 53·0 | 53·3 | 53·1 | 52·3 | 54·0 | 55·0 | 57·0 | 58·1 | 58·0 | 57·8 | 57·6 | 56·8 | 55·3 | 55·8 | 55·9 | 55·9 | 55·9 | 55·9 | 55·9 | 55·9 | 55·2 |
| 13 | 55·9 | 55·9 | 56·0 | 56·0 | 52·9 | 53·7 | 52·9 | 52·8 | 51·7 | 53·5 | 55·0 | 56·8 | 57·0 | 59·0 | 58·8 | 57·1 | 56·3 | 55·9 | 56·0 | 56·0 | 56·0 | 56·1 | 53·6 | 53·8 | 52·0 | 55·3 |
| 14 | 52·0 | 51·1 | 51·2 | 50·7 | 51·0 | 50·9 | 50·9 | 50·0 | 50·0 | 51·0 | 51·6 | 52·2 | 52·1 | 53·0 | 52·4 | 52·6 | 51·3 | 50·4 | 51·0 | 50·1 | 50·5 | 50·0 | 50·0 | 50·1 | 50·0 | 51·0 |
| 15 | 50·0 | 50·1 | 50·2 | 50·7 | 50·0 | 50·1 | 49·3 | 48·1 | 46·3 | 47·4 | 48·8 | 50·0 | 51·0 | 51·0 | 51·3 | 51·0 | 50·2 | 48·1 | 47·8 | 47·0 | 44·2 | 44·9 | 46·0 | 45·0 | 45·8 | 48·6 |
| 16 | 45·8 | 45·0 | 43·2 | 42·5 | 43·0 | 43·0 | 43·0 | 42·0 | 41·9 | 44·0 | 45·7 | 48·0 | 49·5 | 50·9 | 51·1 | 51·2 | 50·3 | 48·1 | 46·0 | 47·1 | 47·9 | 48·0 | 48·0 | 48·8 | 49·8 | 46·5 |
| 17 | 49·8 | 49·0 | 47·1 | 47·0 | 46·3 | 47·4 | 48·8 | 49·4 | 50·0 | 50·0 | 51·0 | 52·0 | 52·0 | 52·1 | 52·0 | 51·7 | 51·0 | 50·0 | 49·8 | 50·0 | 50·1 | 50·0 | 50·7 | 50·0 | 49·2 | 49·9 |
| 18 | 49·2 | 49·0 | 48·8 | 49·0 | 48·8 | 48·1 | 48·0 | 48·5 | 48·1 | 48·8 | 50·0 | 50·1 | 51·0 | 50·9 | 50·6 | 51·7 | 50·0 | 49·2 | 50·3 | 50·0 | 50·9 | 51·2 | 52·0 | 52·7 | 53·0 | 49·9 |
| 19 | 53·0 | 53·2 | 52·0 | 52·9 | 53·0 | 52·8 | 52·0 | 50·2 | 50·0 | 49·2 | 49·3 | 49·8 | 50·5 | 50·0 | 50·0 | 50·0 | 49·1 | 48·4 | 48·0 | 48·2 | 48·0 | 47·4 | 47·1 | 47·0 | 46·8 | 49·9 |
| 20 | 46·8 | 45·8 | 46·0 | 47·3 | 47·1 | 46·3 | 46·2 | 46·7 | 48·3 | 49·2 | 50·0 | 51·5 | 53·6 | 53·5 | 53·5 | 53·2 | 52·1 | 51·9 | 51·5 | 51·0 | 51·6 | 51·2 | 49·6 | 49·5 | 50·0 | 49·5 |
| 21 | 50·0 | 49·9 | 50·0 | 50·0 | 49·3 | 49·0 | 49·0 | 48·9 | 48·0 | 49·2 | 50·7 | 51·1 | 51·3 | 51·0 | 50·6 | 51·1 | 50·9 | 50·9 | 50·2 | 50·7 | 51·3 | 54·0 | 55·0 | 55·2 | 55·0 | 50·8 |
| 22 | 55·0 | 54·6 | 54·2 | 54·1 | 54·3 | 54·8 | 55·0 | 55·0 | 55·4 | 55·2 | 56·0 | 56·3 | 56·3 | 55·4 | 55·3 | 55·5 | 53·5 | 52·1 | 51·4 | 51·2 | 50·8 | 50·8 | 50·3 | 51·0 | 51·8 | 53·7 |
| 23 | 51·8 | 51·9 | 51·9 | 52·0 | 51·0 | 52·0 | 51·2 | 51·1 | 50·8 | 50·0 | 51·2 | 51·9 | 51·9 | 51·8 | 51·0 | 50·0 | 49·7 | 46·2 | 46·0 | 46·0 | 48·0 | 47·0 | 46·4 | 46·0 | 46·2 | 49·8 |
| 24 | 46·2 | 47·4 | 48·4 | 49·0 | 50·0 | 50·9 | 51·2 | 52·0 | 52·4 | 53·3 | 53·9 | 53·3 | 53·3 | 54·0 | 54·0 | 54·0 | 53·9 | 53·7 | 53·7 | 54·0 | 54·1 | 54·2 | 54·3 | 54·5 | 52·3 | 52·4 |
| 25 | 52·3 | 52·0 | 51·0 | 50·5 | 50·2 | 49·8 | 48·3 | 47·7 | 47·0 | 45·5 | 48·2 | 50·0 | 50·9 | 51·6 | 50·7 | 50·8 | 48·3 | 47·4 | 46·3 | 46·7 | 47·7 | 47·0 | 47·0 | 47·5 | 47·4 | 48·8 |
| 26 | 47·4 | 47·0 | 46·8 | 47·6 | 48·0 | 47·0 | 47·9 | 47·7 | 48·1 | 49·2 | 51·1 | 53·1 | 52·0 | 53·1 | 53·7 | 53·0 | 51·0 | 50·1 | 49·3 | 49·1 | 48·7 | 48·2 | 46·7 | 47·1 | 47·0 | 49·3 |
| 27 | 47·0 | 49·0 | 49·4 | 50·0 | 50·2 | 51·2 | 50·9 | 50·8 | 51·1 | 51·0 | 52·1 | 52·9 | 52·5 | 52·9 | 52·6 | 52·2 | 52·3 | 52·4 | 52·9 | 53·0 | 53·0 | 53·0 | 53·2 | 53·7 | 53·7 | 51·8 |
| 28 | 53·7 | 53·9 | 54·0 | 54·1 | 54·1 | 54·6 | 54·9 | 54·9 | 54·8 | 55·0 | 55·3 | 56·1 | 56·2 | 56·5 | 56·4 | 56·5 | 56·4 | 56·1 | 56·0 | 56·0 | 55·3 | 54·8 | 54·7 | 54·7 | 54·8 | 55·2 |
| 29 | 54·8 | 55·0 | 52·3 | 51·1 | 50·0 | 50·0 | 49·0 | 49·7 | 50·0 | 50·2 | 51·0 | 52·0 | 52·8 | 53·4 | 53·8 | 53·7 | 52·7 | 51·9 | 51·0 | 51·0 | 49·5 | 50·1 | 49·7 | 50·0 | 50·3 | 51·4 |
| 30 | 50·3 | 52·0 | 52·3 | 52·1 | 52·6 | 52·0 | 51·0 | 52·0 | 52·4 | 53·0 | 54·1 | 55·0 | 55·3 | 55·2 | 55·0 | 54·8 | 53·9 | 53·1 | 53·0 | 52·7 | 52·1 | 52·5 | 52·0 | 52·1 | 52·0 | 53·0 |
| **Mean** ... | 51·4 | 51·4 | 51·1 | 51·1 | 50·9 | 50·8 | 50·7 | 50·6 | 50·6 | 51·2 | 52·1 | 53·0 | 53·3 | 53·6 | 53·4 | 53·2 | 52·5 | 51·7 | 51·5 | 51·4 | 51·4 | 51·5 | 51·3 | 51·4 | 51·3 | 51·7 |
| **Mean, 1871–1905.** | 47·1 | 47·1 | 46·9 | 46·9 | 46·8 | 46·8 | 46·7 | 46·7 | 46·7 | 47·5 | 48·4 | 49·3 | 49·7 | 50·0 | 49·8 | 49·5 | 48·8 | 48·2 | 47·8 | 47·6 | 47·4 | 47·3 | 47·1 | 47·1 | 46·9 | 47·8 |

TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). NOVEMBER, 1908.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 92 | 91 | 93 | 93 | 94 | 94 | 92 | 93 | 93 | 95 | 93 | 93 | 91 | 93 | 93 | 93 | 94 | 94 | 94 | 94 | 95 | 94 | 94 | 94 | 93·3 |
| 2 | 94 | 91 | 91 | 90 | 92 | 91 | 91 | 92 | 92 | 88 | 86 | 82 | 80 | 79 | 82 | 86 | 87 | 87 | 90 | 91 | 91 | 91 | 91 | 92 | 87·4 |
| 3 | 92 | 91 | 91 | 90 | 92 | 91 | 91 | 92 | 92 | 88 | 86 | 82 | 80 | 79 | 82 | 86 | 87 | 87 | 90 | 88 | 89 | 86 | 87 | 85 | 86·8 |
| 4 | 86 | 87 | 85 | 86 | 87 | 90 | 88 | 88 | 88 | 88 | 84 | 85 | 82 | 83 | 84 | 87 | 87 | 87 | 83 | 81 | 85 | 87 | 79 | 76 | 78 | 85·0 |
| 5 | 78 | 77 | 75 | 76 | 73 | 87 | 88 | 87 | 71 | 70 | 68 | 68 | 67 | 69 | 69 | 74 | 70 | 73 | 71 | 72 | 71 | 72 | 72 | 75 | 77 | 73·8 |
| 6 | 77 | 78 | 76 | 78 | 76 | 72 | 74 | 73 | 75 | 69 | 70 | 73 | 76 | 74 | 71 | 70 | 73 | 73 | 71 | 73 | 74 | 75 | 75 | 74 | 75 | 73·8 |
| 7 | 75 | 78 | 75 | 78 | 79 | 79 | 76 | 75 | 75 | 67 | 63 | 64 | 64 | 65 | 68 | 69 | 71 | 72 | 74 | 75 | 77 | 80 | 81 | 81 | 82 | 73·5 |
| 8 | 82 | 84 | 82 | 84 | 81 | 83 | 79 | 77 | 74 | 72 | 71 | 67 | 63 | 61 | 60 | 57 | 56 | 60 | 62 | 65 | 64 | 66 | 71 | 74 | 77 | 70·5 |
| 9 | 77 | 80 | 80 | 81 | 82 | 84 | 83 | 79 | 82 | 81 | 81 | 82 | 74 | 63 | 77 | 68 | 64 | 64 | 64 | 65 | 71 | 67 | 67 | 68 | 69 | 73·3 |
| 10 | 69 | 70 | 73 | 74 | 74 | 78 | 75 | 74 | 75 | 78 | 75 | 73 | 71 | 75 | 83 | 94 | 94 | 97 | 94 | 97 | 97 | 95 | 98 | 95 | 95 | 82·9 |
| 11 | 95 | 93 | 95 | 97 | 96 | 97 | 94 | 94 | 93 | 92 | 88 | 86 | 88 | 88 | 87 | 91 | 91 | 97 | 95 | 94 | 94 | 93 | 91 | 92 | 91 | 92·8 |
| 12 | 91 | 90 | 93 | 93 | 94 | 94 | 97 | 96 | 97 | 94 | 94 | 88 | 84 | 83 | 88 | 87 | 89 | 92 | 93 | 94 | 94 | 94 | 94 | 94 | 94 | 92·0 |
| 13 | 94 | 94 | 93 | 93 | 87 | 89 | 88 | 87 | 90 | 93 | 90 | 87 | 88 | 85 | 84 | 91 | 91 | 94 | 93 | 92 | 92 | 91 | 90 | 90 | 90 | 90·0 |
| 14 | 80 | 79 | 81 | 82 | 80 | 80 | 80 | 75 | 74 | 70 | 71 | 69 | 68 | 69 | 70 | 71 | 72 | 77 | 73 | 74 | 77 | 76 | 78 | 79 | 80 | 75·2 |
| 15 | 80 | 80 | 84 | 82 | 85 | 84 | 85 | 86 | 90 | 87 | 80 | 76 | 75 | 76 | 77 | 80 | 81 | 87 | 86 | 87 | 87 | 85 | 88 | 88 | 87 | 83·6 |
| 16 | 88 | 92 | 91 | 91 | 94 | 92 | 94 | 100 | 94 | 92 | 90 | 90 | 89 | 87 | 86 | 84 | 84 | 85 | 87 | 87 | 85 | 92 | 94 | 94 | 93 | 90·2 |
| 17 | 93 | 90 | 87 | 79 | 81 | 78 | 74 | 71 | 68 | 72 | 66 | 63 | 64 | 63 | 64 | 69 | 69 | 75 | 77 | 77 | 75 | 76 | 70 | 71 | 77 | 73·5 |
| 18 | 77 | 74 | 74 | 72 | 71 | 79 | 81 | 82 | 86 | 86 | 81 | 85 | 81 | 86 | 84 | 81 | 80 | 85 | 83 | 88 | 83 | 86 | 88 | 88 | 87 | 81·9 |
| 19 | 87 | 87 | 88 | 87 | 85 | 76 | 69 | 77 | 69 | 75 | 65 | 67 | 65 | 69 | 72 | 72 | 72 | 75 | 75 | 74 | 74 | 76 | 78 | 79 | 80 | 75·0 |
| 20 | 80 | 81 | 79 | 81 | 89 | 92 | 94 | 97 | 96 | 98 | 98 | 98 | 96 | 90 | 88 | 87 | 84 | 77 | 67 | 68 | 67 | 66 | 69 | 69 | 68 | 83·5 |
| 21 | 68 | 69 | 72 | 69 | 71 | 72 | 73 | 74 | 79 | 77 | 74 | 73 | 69 | 74 | 73 | 73 | 75 | 82 | 90 | 94 | 97 | 93 | 94 | 89 | 88 | 78·5 |
| 22 | 88 | 89 | 88 | 91 | 90 | 88 | 87 | 88 | 88 | 91 | 91 | 87 | 86 | 91 | 92 | 92 | 76 | 73 | 66 | 68 | 66 | 69 | 67 | 68 | 65 | 82·0 |
| 23 | 65 | 65 | 66 | 64 | 65 | 65 | 68 | 68 | 69 | 66 | 65 | 64 | 64 | 62 | 68 | 69 | 71 | 84 | 82 | 81 | 78 | 77 | 77 | 79 | 85 | 70·5 |
| 24 | 85 | 83 | 81 | 84 | 79 | 80 | 87 | 85 | 85 | 84 | 85 | 87 | 92 | 91 | 90 | 88 | 87 | 89 | 92 | 93 | 94 | 96 | 96 | 96 | 95 | 88·1 |
| 25 | 95 | 92 | 88 | 88 | 83 | 87 | 90 | 88 | 81 | 81 | 77 | 70 | 66 | 63 | 66 | 68 | 77 | 80 | 85 | 84 | 84 | 86 | 86 | 84 | 83 | 80·9 |
| 26 | 83 | 84 | 86 | 82 | 85 | 85 | 82 | 87 | 86 | 86 | 84 | 77 | 80 | 74 | 75 | 79 | 83 | 86 | 91 | 91 | 89 | 92 | 92 | 91 | 92 | 84·7 |
| 27 | 91 | 82 | 79 | 79 | 83 | 84 | 76 | 79 | 86 | 87 | 83 | 78 | 77 | 79 | 78 | 83 | 81 | 85 | 77 | 75 | 72 | 76 | 78 | 78 | 81 | 80·0 |
| 28 | 81 | 81 | 81 | 84 | 85 | 86 | 87 | 87 | 88 | 87 | 86 | 84 | 82 | 80 | 81 | 79 | 80 | 81 | 82 | 83 | 87 | 90 | 91 | 93 | 92 | 84·7 |
| 29 | 92 | 93 | 95 | 93 | 93 | 93 | 90 | 88 | 84 | 85 | 81 | 81 | 79 | 79 | 79 | 82 | 84 | 87 | 87 | 87 | 90 | 90 | 90 | 92 | 92 | 87·3 |
| 30 | 92 | 92 | 91 | 91 | 90 | 90 | 91 | 90 | 89 | 87 | 88 | 87 | 86 | 85 | 83 | 84 | 83 | 84 | 82 | 84 | 86 | 86 | 86 | 85 | 85 | 87·0 |
| **Mean** ... | 84·2 | 83·9 | 83·6 | 83·6 | 83·7 | 84·6 | 83·6 | 84·2 | 83·5 | 82·6 | 80·7 | 78·8 | 77·3 | 77·6 | 78·1 | 79·5 | 79·6 | 82·3 | 81·8 | 82·7 | 82·8 | 83·5 | 83·7 | 83·8 | 84·0 | 82·1 |
| **Mean, 1886–1905.** | 85·5 | 85·9 | 85·7 | 85·6 | 85·8 | 86·0 | 85·5 | 85·9 | 85·8 | 84·8 | 83·2 | 81·3 | 79·8 | 79·5 | 79·3 | 80·2 | 81·4 | 83·5 | 84·3 | 84·6 | 84·6 | 84·6 | 85·0 | 85·7 | 85·4 | 83·9 |

[*Price Sixpence.*]

# KEW OBSERVATORY. NOVEMBER, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{\frac{1}{2}+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. NOVEMBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·151 | 0·079 | **58·3** | 47·7 | 9 | 9·919 | 9·735 | 45·1 | 33·1 | 17 | 0·359 | 0·119 | 51·0 | 41·3 | 25 | 0·068 | 9·909 | 54·1 | 43·7 |
| 2 | 0·085 | 0·034 | 56·0 | 47·3 | 10 | 9·973 | 9·901 | 44·3 | **26·1** | 18 | 0·357 | 9·956 | 51·0 | 37·4 | 26 | 0·268 | 0·026 | 53·3 | 42·8 |
| 3 | 0·058 | 9·977 | 53·2 | 41·2 | 11 | 9·941 | 9·843 | 55·7 | 37·6 | 19 | 0·144 | 9·775 | 49·7 | 37·0 | 27 | 0·268 | 0·088 | 51·7 | 41·6 |
| 4 | 0·107 | 9·989 | 53·4 | 43·9 | 12 | 0·025 | 9·827 | 57·3 | 48·0 | 20 | 0·144 | 9·924 | 48·9 | 30·4 | 28 | 0·112 | 0·016 | 53·2 | 42·9 |
| 5 | 0·157 | 0·092 | 51·7 | 40·6 | 13 | 9·999 | 9·883 | 57·2 | 46·0 | 21 | 0·011 | 9·601 | 48·5 | 43·1 | 29 | 0·366 | 0·110 | 54·0 | 48·4 |
| 6 | 0·100 | 0·065 | 50·9 | 40·2 | 14 | 0·032 | 9·837 | 53·6 | 47·9 | 22 | 9·601 | 9·394 | 57·4 | 47·2 | 30 | **0·419** | 0·355 | 53·1 | 47·0 |
| 7 | 0·067 | 9·728 | 45·2 | 37·9 | 15 | 0·256 | 0·032 | 48·9 | 44·2 | 23 | 0·189 | **9·380** | 51·2 | 36·1 | | | | | |
| 8 | 9·735 | 9·625 | 46·9 | 36·4 | 16 | 0·244 | 0·114 | 48·6 | 44·9 | 24 | 0·196 | 9·928 | 53·5 | 34·5 | | | | | |
| | | | | | | | | | | | | | | | Mean. | — | — | 51·9 | 41·2 |

TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. NOVEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·151 | 0·144 | 0·144 | 0·128 | 0·124 | 0·122 | 0·116 | 0·116 | 0·132 | 0·132 | 0·129 | 0·131 | 0·115 | 0·105 | 0·090 | 0·085 | 0·079 | 0·083 | 0·089 | 0·089 | 0·089 | 0·097 | 0·096 | 0·091 | 0·085 | 0·110 |
| 2 | 0·085 | 0·081 | 0·070 | 0·068 | 0·069 | 0·069 | 0·065 | 0·071 | 0·073 | 0·075 | 0·075 | 0·070 | 0·058 | 0·047 | 0·038 | 0·036 | 0·040 | 0·052 | 0·060 | 0·064 | 0·064 | 0·070 | 0·071 | 0·064 | 0·058 | 0·063 |
| 3 | 0·058 | 0·046 | 0·044 | 0·040 | 0·036 | 0·038 | 0·040 | 0·047 | 0·054 | 0·050 | 0·054 | 0·045 | 0·018 | 0·000 | 9·987 | 9·980 | 9·977 | 9·989 | 9·983 | 9·985 | 9·994 | 9·995 | 9·991 | 9·999 | 0·001 | 0·018 |
| 4 | 0·001 | 0·004 | 0·001 | 9·997 | 9·991 | 9·993 | 9·993 | 0·011 | 0·029 | 0·037 | 0·049 | 0·053 | 0·048 | 0·046 | 0·045 | 0·043 | 0·050 | 0·055 | 0·065 | 0·071 | 0·085 | 0·088 | 0·101 | 0·105 | 0·107 | 0·042 |
| 5 | 0·107 | 0·103 | 0·104 | 0·103 | 0·101 | 0·105 | 0·111 | 0·124 | 0·135 | 0·141 | 0·154 | 0·154 | 0·138 | 0·124 | 0·116 | 0·112 | 0·096 | 0·099 | 0·095 | 0·096 | 0·095 | 0·094 | 0·100 | 0·098 | 0·099 | 0·113 |
| 6 | 0·099 | 0·091 | 0·080 | 0·076 | 0·076 | 0·075 | 0·073 | 0·078 | 0·088 | 0·094 | 0·098 | 0·098 | 0·084 | 0·084 | 0·075 | 0·074 | 0·068 | 0·074 | 0·075 | 0·080 | 0·083 | 0·084 | 0·078 | 0·075 | 0·067 | 0·081 |
| 7 | 0·067 | 0·054 | 0·048 | 0·029 | 0·014 | 0·000 | 9·980 | 9·980 | 9·983 | 9·976 | 9·961 | 9·951 | 9·909 | 9·882 | 9·858 | 9·834 | 9·812 | 9·804 | 9·800 | 9·786 | 9·778 | 9·770 | 9·760 | 9·748 | 9·728 | 9·901 |
| 8 | 9·728 | 9·704 | 9·682 | 9·664 | 9·655 | 9·644 | 9·642 | 9·646 | 9·653 | 9·644 | 9·648 | 9·643 | 9·634 | 9·630 | 9·627 | 9·631 | 9·633 | 9·647 | 9·665 | 9·687 | 9·705 | 9·717 | 9·725 | 9·733 | 9·735 | 9·666 |
| 9 | 9·735 | 9·743 | 9·755 | 9·759 | 9·764 | 9·775 | 9·789 | 9·807 | 9·829 | 9·837 | 9·843 | 9·844 | 9·836 | 9·837 | 9·841 | 9·845 | 9·846 | 9·848 | 9·862 | 9·876 | 9·887 | 9·894 | 9·908 | 9·916 | 9·905 | 9·832 |
| 10 | 9·905 | 9·901 | 9·905 | 9·908 | 9·922 | 9·923 | 9·926 | 9·945 | 9·957 | 9·964 | 9·963 | 9·964 | 9·951 | 9·942 | 9·940 | 9·934 | 9·931 | 9·932 | 9·938 | 9·947 | 9·944 | 9·940 | 9·937 | 9·928 | 9·928 | 9·936 |
| 11 | 9·928 | 9·924 | 9·922 | 9·917 | 9·907 | 9·908 | 9·906 | 9·912 | 9·924 | 9·926 | 9·932 | 9·936 | 9·931 | 9·921 | 9·908 | 9·911 | 9·905 | 9·904 | 9·898 | 9·893 | 9·885 | 9·881 | 9·861 | 9·857 | 9·843 | 9·906 |
| 12 | 9·843 | 9·831 | 9·827 | 9·835 | 9·847 | 9·861 | 9·881 | 9·908 | 9·935 | 9·957 | 9·981 | 9·982 | 9·995 | 9·987 | 9·996 | 0·002 | 0·005 | 0·007 | 0·014 | 0·024 | 0·020 | 0·024 | 0·025 | 0·008 | 9·999 | 9·953 |
| 13 | 9·999 | 9·992 | 9·976 | 9·948 | 9·926 | 9·918 | 9·904 | 9·900 | 9·902 | 9·888 | 9·898 | 9·904 | 9·899 | 9·914 | 9·920 | 9·930 | 9·950 | 9·953 | 9·946 | 9·962 | 9·964 | 9·956 | 9·955 | 9·938 | 9·926 | 9·934 |
| 14 | 9·926 | 9·906 | 9·891 | 9·872 | 9·862 | 9·851 | 9·844 | 9·848 | 9·864 | 9·872 | 9·885 | 9·881 | 9·875 | 9·875 | 9·877 | 9·871 | 9·870 | 9·887 | 9·907 | 9·941 | 9·967 | 9·995 | 0·017 | 0·027 | 0·032 | 9·903 |
| 15 | 0·032 | 0·051 | 0·089 | 0·118 | 0·139 | 0·145 | 0·145 | 0·167 | 0·187 | 0·207 | 0·226 | 0·218 | 0·211 | 0·213 | 0·224 | 0·237 | 0·238 | 0·243 | 0·248 | 0·244 | 0·244 | 0·245 | 0·252 | 0·254 | 0·244 | 0·195 |
| 16 | 0·244 | 0·240 | 0·238 | 0·231 | 0·222 | 0·213 | 0·211 | 0·212 | 0·213 | 0·216 | 0·204 | 0·190 | 0·173 | 0·157 | 0·141 | 0·136 | 0·128 | 0·120 | 0·114 | 0·116 | 0·122 | 0·126 | 0·122 | 0·118 | 0·119 | 0·173 |
| 17 | 0·119 | 0·124 | 0·125 | 0·124 | 0·128 | 0·141 | 0·160 | 0·172 | 0·219 | 0·231 | 0·248 | 0·257 | 0·252 | 0·245 | 0·244 | 0·265 | 0·278 | 0·283 | 0·293 | 0·306 | 0·315 | 0·335 | 0·350 | 0·348 | 0·357 | 0·237 |
| 18 | 0·357 | 0·355 | 0·353 | 0·352 | 0·343 | 0·337 | 0·321 | 0·319 | 0·314 | 0·315 | 0·311 | 0·295 | 0·262 | 0·235 | 0·202 | 0·194 | 0·170 | 0·159 | 0·133 | 0·121 | 0·093 | 0·071 | 0·037 | 0·999 | 0·956 | 0·226 |
| 19 | 0·956 | 0·930 | 0·911 | 0·883 | 0·853 | 0·808 | 0·785 | 0·781 | 0·797 | 0·809 | 0·840 | 0·865 | 0·895 | 0·906 | 0·940 | 0·980 | 0·021 | 0·036 | 0·066 | 0·078 | 0·103 | 0·122 | 0·130 | 0·142 | 0·144 | 0·947 |
| 20 | 0·144 | 0·132 | 0·133 | 0·134 | 0·126 | 0·126 | 0·120 | 0·117 | 0·122 | 0·118 | 0·107 | 0·101 | 0·067 | 0·030 | 0·002 | 9·989 | 9·971 | 9·959 | 9·938 | 9·939 | 9·929 | 9·932 | 9·934 | 9·933 | 9·941 | 0·042 |
| 21 | 9·941 | 9·937 | 9·937 | 9·941 | 9·935 | 9·933 | 9·945 | 9·967 | 9·983 | 9·991 | 0·009 | 0·006 | 0·000 | 0·001 | 9·985 | 9·982 | 9·959 | 9·942 | 9·914 | 9·876 | 9·829 | 9·788 | 9·724 | 9·658 | 9·601 | 9·917 |
| 22 | 9·601 | 9·570 | 9·536 | 9·502 | 9·494 | 9·488 | 9·476 | 9·477 | 9·488 | 9·496 | 9·501 | 9·489 | 9·463 | 9·439 | 9·427 | 9·408 | 9·416 | 9·432 | 9·462 | 9·456 | 9·466 | 9·454 | 9·449 | 9·428 | 9·394 | 9·471 |
| 23 | 9·394 | 9·387 | 9·384 | 9·416 | 9·454 | 9·483 | 9·566 | 9·622 | 9·696 | 9·757 | 9·819 | 9·856 | 9·879 | 9·891 | 9·931 | 9·968 | 0·015 | 0·048 | 0·086 | 0·112 | 0·140 | 0·160 | 0·170 | 0·181 | 0·187 | 9·825 |
| 24 | 0·187 | 0·189 | 0·194 | 0·192 | 0·190 | 0·186 | 0·182 | 0·173 | 0·165 | 0·156 | 0·150 | 0·136 | 0·117 | 0·097 | 0·067 | 0·054 | 0·035 | 0·019 | 0·004 | 0·000 | 9·980 | 9·964 | 9·951 | 9·938 | 9·928 | 0·092 |
| 25 | 9·928 | 9·916 | 9·914 | 9·935 | 9·966 | 9·986 | 0·004 | 0·020 | 0·033 | 0·047 | 0·058 | 0·068 | 0·048 | 0·038 | 0·029 | 0·015 | 0·020 | 0·024 | 0·026 | 0·019 | 0·022 | 0·018 | 0·021 | 0·027 | 0·026 | 0·010 |
| 26 | 0·026 | 0·032 | 0·039 | 0·052 | 0·067 | 0·072 | 0·084 | 0·094 | 0·122 | 0·136 | 0·146 | 0·151 | 0·154 | 0·163 | 0·165 | 0·176 | 0·193 | 0·201 | 0·206 | 0·220 | 0·234 | 0·254 | 0·261 | 0·266 | 0·266 | 0·151 |
| 27 | 0·266 | 0·262 | 0·264 | 0·264 | 0·259 | 0·258 | 0·256 | 0·244 | 0·246 | 0·250 | 0·255 

KEW. TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.) AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. NOVEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 1 | — | 1 | 17 | 4 | 17 | 4 | 6 | 4 | 6 | 4 | 6 | 6 | 7 | 5 | 7 | 5 | 7 | 8 | 8 | 9 | 9 | 10 |
| 2 | — | 3 | — | 3 | 6 | 6 | 6 | 7 | 6 | 5 | 6 | 7 | 6 | 7 | 7 | 8 | 7 | 9 | 7 | 9 | 9 | 7 | 9 | 7 |
| 3 | 9 | 6 | 9 | 4 | 9 | 4 | — | 3 | — | 3 | 9 | 5 | 9 | 5 | 9 | 5 | 9 | 5 | 9 | 4 | 9 | 4 | 9 | 4 |
| 4 | 3 | 7 | — | 3 | — | 3 | 3 | 4 | — | 2 | 3 | 4 | 3 | 7 | 3 | 5 | 4 | 4 | 5 | 4 | — | 2 | — | 2 |
| 5 | — | 2 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 1 | — | 1 | — | 2 | — | 3 |
| 6 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 7 | 4 | 7 | 4 | — | 2 | — | 1 | — | 1 | — | 2 | 7 | 7 |
| 7 | 8 | 8 | 8 | 10 | 8 | 10 | 8 | 8 | 8 | 7 | 8 | 9 | 7 | 12 | 9 | 12 | 9 | 10 | 8 | 13 | 8 | 13 | 9 | 15 |
| 8 | 5 | 7 | 5 | 10 | 5 | 9 | 5 | 10 | 4 | 13 | 4 | 12 | 3 | 12 | 3 | 14 | 4 | 15 | 4 | 16 | 5 | 22 | 6 | 23 |
| 9 | 5 | 7 | 5 | 7 | 5 | 7 | 5 | 8 | 5 | 7 | 5 | 5 | 5 | 7 | 5 | 6 | 5 | 7 | 7 | 8 | 8 | 17 | 7 | 18 |
| 10 | 6 | 4 | 6 | 5 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 12 | 7 | 12 | 8 |
| 11 | — | 2 | — | 3 | 14 | 4 | 14 | 4 | 16 | 5 | 16 | 6 | 16 | 5 | 16 | 7 | 16 | 8 | 18 | 9 | 18 | 8 | 18 | 10 |
| 12 | 18 | 13 | 18 | 11 | 19 | 10 | 20 | 5 | 20 | 4 | 20 | 7 | 20 | 5 | 20 | 6 | 20 | 5 | 20 | 5 | 20 | 6 | 21 | 7 |
| 13 | — | 2 | — | 3 | 17 | 7 | 17 | 4 | 17 | 6 | 17 | 4 | — | 2 | — | 2 | 17 | 7 | 20 | 10 | 22 | 11 | 24 | 12 |
| 14 | 16 | 6 | 16 | 7 | 15 | 8 | 15 | 6 | 15 | 6 | 15 | 7 | 19 | 7 | 20 | 7 | 20 | 9 | 19 | 10 | 18 | 10 | 21 | 13 |
| 15 | 3 | 5 | 32 | 4 | 1 | 8 | 1 | 9 | 2 | 7 | 2 | 7 | 2 | 7 | 2 | 8 | 2 | 4 | 2 | 5 | 2 | 7 | 2 | 9 |
| 16 | — | 3 | 6 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | 22 | 4 | — | 3 | 19 | 6 |
| 17 | 21 | 4 | 21 | 5 | — | 3 | 21 | 4 | 21 | 4 | — | 3 | — | 3 | — | 2 | 21 | 4 | 21 | 4 | 24 | 5 | 24 | 7 |
| 18 | 21 | 4 | 21 | 4 | 21 | 4 | — | 2 | — | 3 | — | 2 | — | 2 | — | 3 | 21 | 4 | 21 | 5 | 22 | 6 | 22 | 7 |
| 19 | 21 | 11 | 21 | 9 | 21 | 7 | 21 | 5 | 24 | 8 | 24 | 6 | 23 | 10 | 26 | 8 | 27 | 13 | 28 | 12 | 28 | 13 | 29 | 11 |
| 20 | 30 | 4 | — | 3 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 1 | — | 2 | — | 3 | 22 | 6 |
| 21 | 27 | 7 | 25 | 8 | 25 | 9 | 27 | 12 | 26 | 10 | 26 | 14 | 26 | 11 | 27 | 10 | 27 | 10 | 27 | 11 | 26 | 10 | 27 | 12 |
| 22 | 21 | 7 | 21 | 7 | 23 | 10 | 23 | 12 | 23 | 12 | 22 | 11 | 23 | 13 | 23 | 11 | 23 | 10 | 21 | 9 | 21 | 13 | 21 | 13 |
| 23 | 23 | 24 | 23 | 25 | 23 | 18 | 25 | 20 | 25 | 21 | 26 | 18 | 26 | 15 | 27 | 14 | 27 | 12 | 27 | 15 | 27 | 15 | 27 | 17 |
| 24 | — | 2 | 24 | 4 | 24 | 4 | — | 2 | — | 2 | — | 2 | 20 | 7 | 20 | 7 | 18 | 9 | 19 | 10 | 19 | 10 | 19 | 12 |
| 25 | 19 | 18 | 20 | 15 | 24 | 11 | 27 | 8 | 27 | 4 | 27 | 4 | 27 | 5 | 27 | 4 | 24 | 6 | 22 | 5 | 22 | 7 | 22 | 12 |
| 26 | 21 | 12 | 21 | 12 | 20 | 7 | 21 | 7 | 20 | 11 | 20 | 6 | 20 | 7 | 21 | 7 | 21 | 9 | 21 | 10 | 21 | 14 | 22 | 15 |
| 27 | 20 | 4 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 20 | 4 | 20 | 5 | 17 | 7 | 16 | 7 | 16 | 7 | 18 | 13 |
| 28 | 16 | 4 | 16 | 5 | 15 | 6 | 16 | 6 | 16 | 6 | 17 | 8 | 17 | 7 | 17 | 6 | 17 | 9 | 18 | 11 | 17 | 10 | 17 | 12 |
| 29 | 18 | 6 | 16 | 6 | 16 | 5 | 16 | 4 | — | 3 | — | 3 | — | 2 | — | 3 | — | 2 | 16 | 4 | 16 | 4 | 16 | 5 |
| 30 | — | 0 | — | 2 | — | 1 | — | 1 | — | 1 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 |
| Mean ... | — | 6 | — | 6 | — | 6 | — | 6 | — | 6 | — | 6 | — | 6 | — | 6 | — | 6 | — | 7 | — | 8 | — | 10 |
| Mean, 1881–1905. | — | 6·6 | — | 6·7 | — | 6·5 | — | 6·7 | — | 6·6 | — | 6·5 | — | 6·6 | — | 6·7 | — | 7·3 | — | 7·8 | — | 9·1 | — | 9·4 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour the direction is omitted, the record not being trustworthy in very light airs.

KEW. TABLE IV.—RAINFALL IN ENGLISH INCHES. NOVEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 | ·01 | ·01 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·05 |
| 13 | — | ·04 | ·05 | — | — | — | — | ·02 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·12 |
| 14 | — | — | ·01 | — | — | ·02 | — | — | — | — | — | — | — | — | — | ·03 | ·01 | — | — | — | — | — | — | — | ·07 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·03 | — | — | — | ·04 |
| 19 | — | — | ·01 | ·07 | ·02 | — | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·13 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·07 | ·09 | ·06 | — | — | ·22 |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | ·01 | ·06 | ·11 | ·07 | ·02 | ·02 | ·03 | ·02 | ·01 | — | — | ·01 | — | — | — | ·03 | ·01 | — | — | ·08 | ·12 | ·06 | — | ·01 | ·68 |
| Average 1871–1905. | ·098 | ·117 | ·100 | ·090 | ·099 | ·098 | ·088 | ·080 | ·072 | ·075 | ·067 | ·070 | ·080 | ·081 | ·099 | ·086 | ·114 | ·088 | ·092 | ·099 | ·089 | ·096 | ·113 | ·112 | 2·203 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. NOVEMBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | |
| 7 | 8 | 7 | 10 | 6 | 10 | 6 | 9 | 6 | 9 | 6 | 8 | 6 | 8 | 6 | 9 | 6 | 7 | 6 | 7 | 6 | 5 | 6 | 5 | 7 | 1 |
| 8 | 9 | 8 | 6 | 8 | 8 | 8 | 11 | 8 | 10 | 8 | 10 | 8 | 7 | 8 | 6 | 9 | 7 | 8 | 7 | 8 | 7 | 9 | 6 | 7 | 2 |
| — | 2 | — | 3 | 9 | 4 | — | 2 | — | 2 | — | 1 | — | 1 | — | 1 | — | 3 | — | 2 | — | 2 | 3 | 4 | 3 | 3 |
| 5 | 6 | 5 | 7 | 5 | 4 | 5 | 7 | 5 | 7 | 5 | 7 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 |
| 8 | 5 | — | 2 | — | 1 | — | 2 | 8 | 5 | 4 | 5 | 4 | 5 | — | 3 | 5 | 5 | 7 | 5 | 7 | 4 | — | 3 | 3 | 5 |
| 8 | 7 | 8 | 6 | 8 | 4 | 8 | 4 | 8 | 10 | 8 | 11 | 8 | 12 | 8 | 10 | 8 | 12 | 8 | 12 | 8 | 10 | 8 | 11 | 6 | 6 |
| 9 | 15 | 9 | 16 | 8 | 16 | 7 | 15 | 8 | 14 | 8 | 10 | 7 | 10 | 7 | 8 | 7 | 7 | 7 | 10 | 7 | 9 | 6 | 7 | 11 | 7 |
| 5 | 25 | 6 | 23 | 5 | 22 | 4 | 18 | 5 | 18 | 4 | 14 | 4 | 12 | 4 | 12 | 4 | 12 | 4 | 10 | 4 | 7 | 5 | 7 | 14 | 8 |
| 6 | 18 | 7 | 15 | 8 | 15 | 6 | 13 | 6 | 12 | 6 | 7 | — | 2 | — | 3 | — | 1 | — | 3 | 6 | 4 | 6 | 5 | 8 | 9 |
| 13 | 8 | 13 | 7 | 15 | 7 | 14 | 5 | 14 | 5 | 14 | 4 | — | 3 | — | 3 | 14 | 5 | 14 | 4 | — | 2 | — | 2 | 4 | 10 |
| 17 | 13 | 17 | 11 | 18 | 10 | 17 | 10 | 16 | 10 | 16 | 9 | 16 | 9 | 16 | 10 | 17 | 12 | 16 | 12 | 17 | 12 | 16 | 12 | 8 | 11 |
| 25 | 5 | 21 | 5 | 19 | 7 | — | 3 | — | 2 | 19 | 4 | 17 | 5 | 17 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | 5 | 12 |
| 25 | 12 | 24 | 10 | 24 | 7 | 24 | 4 | — | 2 | — | 2 | 24 | 4 | 24 | 4 | — | 2 | — | 2 | 18 | 7 | 13 | 6 | 6 | 13 |
| 20 | 10 | 20 | 7 | 21 | 6 | 21 | 5 | — | 2 | — | 2 | 29 | 4 | 31 | 7 | 31 | 5 | 31 | 6 | 1 | 6 | 2 | 6 | 7 | 14 |
| 1 | 7 | 1 | 8 | 1 | 6 | 1 | 5 | 1 | 6 | 3 | 6 | 3 | 7 | 4 | 7 | 7 | 6 | 7 | 4 | 5 | 5 | 5 | 6 | 6 | 15 |
| 19 | 4 | — | 3 | 19 | 5 | — | 3 | 19 | 4 | 19 | 5 | 19 | 4 | 19 | 6 | 19 | 5 | 19 | 5 | 19 | 4 | 19 | 4 | 4 | 16 |
| 24 | 7 | 25 | 8 | 25 | 7 | 25 | 5 | 21 | 5 | 21 | 6 | 21 | 7 | 21 | 6 | 21 | 4 | 21 | 7 | 21 | 5 | 21 | 5 | 5 | 17 |
| 21 | 10 | 21 | 12 | 21 | 8 | 21 | 9 | 21 | 10 | 20 | 12 | 20 | 12 | 19 | 11 | 20 | 12 | 20 | 11 | 20 | 10 | 20 | 10 | 7 | 18 |
| 30 | 12 | 30 | 15 | 30 | 13 | 30 | 10 | 30 | 10 | 30 | 8 | 30 | 6 | 30 | 4 | — | 3 | 30 | 4 | — | 3 | 30 | 4 | 9 | 19 |
| 20 | 7 | 21 | 10 | 22 | 9 | 21 | 7 | 21 | 7 | 21 | 9 | 22 | 9 | 24 | 9 | 28 | 8 | 27 | 9 | 27 | 7 | 27 | 9 | 5 | 20 |
| 26 | 9 | 22 | 7 | 23 | 8 | 23 | 7 | 21 | 7 | 21 | 7 | 19 | 11 | 19 | 12 | 18 | 12 | 18 | 17 | 18 | 11 | 22 | 11 | 10 | 21 |
| 22 | 17 | 22 | 14 | 21 | 16 | 25 | 18 | 24 | 14 | 24 | 13 | 23 | 14 | 23 | 17 | 22 | 18 | 22 | 18 | 22 | 21 | 22 | 24 | 14 | 22 |
| 28 | 19 | 27 | 15 | 28 | 15 | 28 | 10 | 28 | 7 | 27 | 6 | 28 | 4 | 28 | 4 | — | 3 | — | 3 | 24 | 4 | — | 2 | 13 | 23 |
| 20 | 16 | 19 | 17 | 18 | 16 | 18 | 15 | 18 | 18 | 18 | 18 | 18 | 14 | 19 | 15 | 19 | 16 | 19 | 18 | 19 | 18 | 18 | 18 | 11 | 24 |
| 21 | 10 | 21 | 11 | 21 | 10 | 21 | 10 | 20 | 9 | 20 | 8 | 20 | 10 | 20 | 11 | 21 | 12 | 21 | 13 | 21 | 12 | 21 | 12 | 9 | 25 |
| 22 | 13 | 22 | 12 | 22 | 10 | 22 | 10 | 22 | 8 | 23 | 8 | 22 | 7 | 22 | 7 | 22 | 4 | 20 | 5 | 20 | 4 | 20 | 5 | 9 | 26 |
| 18 | 13 | 17 | 14 | 18 | 12 | 18 | 10 | 18 | 6 | — | 3 | 18 | 5 | 18 | 5 | 18 | 5 | 16 | 4 | 16 | 6 | 16 | 7 | 6 | 27 |
| 17 | 14 | 18 | 12 | 17 | 9 | 16 | 10 | 16 | 6 | 17 | 10 | 17 | 9 | 17 | 10 | 16 | 8 | 18 | 10 | 17 | 12 | 19 | 9 | 9 | 28 |
| — | 3 | 16 | 4 | — | 3 | — | 3 | — | 2 | 19 | 4 | — | 3 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 3 | 29 |
| 21 | 4 | 17 | 5 | 17 | 4 | 17 | 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | 2 | 30 |
| — | 10 | — | 10 | — | 9 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | — | 7 | 7 | Mean, 1881–1905. |
| — | 9·5 | — | 9·5 | — | 8·8 | — | 8·0 | — | 7·6 | — | 7·3 | — | 7·3 | — | 7·2 | — | 7·1 | — | 7·0 | — | 6·7 | — | 6·6 | 7·5 | |

KEW. TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. NOVEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | 0·2 | Cloudy and misty. |
| 2 | — | — | — | — | — | — | — | ·1 | ·8 | ·7 | ·3 | — | — | — | — | — | — | 1·9 | Overcast at first, then fine; ≋°; ⊕ |
| 3 | — | — | — | — | — | — | — | — | ·2 | ·9 | ·1 | — | — | — | — | — | — | 1·2 | ≋°, fine. [14h.–16h. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | 0·1 | Dull, ≋°. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and misty all day. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ till 11h., then cloudy and ≋°. |
| 7 | — | — | — | — | — | — | — | ·5 | 1·0 | ·9 | ·8 | — | — | — | — | — | — | 3·2 | Fine day, with cold Ely. breeze; ⊕. |
| 8 | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·8 | — | — | — | — | — | 6·8 | ≋°, but fine. |
| 9 | — | — | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | 1·0 | ·5 | — | — | — | — | — | 4·9 | ≋°; fine most of day. |
| 10 | — | — | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | ·7 | — | — | — | — | — | 4·7 | Fog at first, then fine to dull. |
| 11 | — | — | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | 0·2 | Overcast to cloudy. [misty later. |
| 12 | — | — | — | — | — | ·3 | 1·0 | ·9 | 1·0 | 1·0 | ·9 | ·3 | — | — | — | — | — | 5·4 | ● early, then fine till 15h.; cloudy and |
| 13 | — | — | — | — | — | — | ·2 | ·4 | 1·0 | 1·0 | ·9 | 1·0 | ·1 | — | — | — | — | 4·6 | ● showers till 9h.; fine afternoon; |
| 14 | — | — | — | — | — | — | ·6 | — | ·3 | — | — | — | — | — | — | — | — | 0·9 | Dull generally, with ●°. [cloudy later. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and gloomy; ≋°. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and misty all day. |
| 17 | — | — | — | — | — | — | — | ·2 | ·4 | ·4 | — | — | — | — | — | — | — | 1·0 | ≋°; cloudy to clear. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy day, with ≋° and ●°; ⊕ at 14h. |
| 19 | — | — | — | — | — | — | ·1 | ·3 | — | ·8 | ·1 | — | — | — | — | — | — | 1·3 | ● early; dull to fine. |
| 20 | — | — | — | — | — | ·3 | ·8 | 1·0 | ·9 | ·9 | ·1 | — | — | — | — | — | — | 4·0 | ≋ at first, but fine most of day. |
| 21 | — | — | — | — | ·6 | ·8 | ·8 | ·6 | ·2 | — | — | — | — | — | — | — | — | 3·0 | A.M. fine; P.M. fair to dull, with ●. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, clearing a little in evening. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fine day, with ≋ early. |
| 24 | — | — | — | — | — | ·9 | 1·0 | ·8 | ·9 | ·8 | ·9 | ·6 | — | — | — | — | — | 5·9 | Fair to dull; S.Wly. breeze P.M. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●° early, then fine. |
| 26 | — | — | — | — | — | ·4 | 1·0 | 1·0 | ·9 | ·5 | 1·0 | ·3 | — | — | — | — | — | 5·1 | Fair to fine. |
| 27 | — | — | — | — | — | — | — | ·3 | ·8 | — | ·1 | — | — | — | — | — | — | 1·2 | ≋° at first, but fine most of day. |
| 28 | — | — | — | — | — | ·4 | ·6 | ·6 | ·5 | ·4 | 1·0 | ·8 | — | — | — | — | — | 4·3 | Rather dull all day. |
| 29 | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | 0·2 | Overcast and misty, with ●° occasionally. |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋°; dull to gloomy. |
| | — | — | — | — | — | 3·6 | 6·4 | 10·5 | 12·3 | 11·8 | 10·2 | 5·2 | 0·1 | — | — | — | — | 60·1 | Total. |
| | — | — | 0·02 | 0·04 | 0·25 | 2·69 | 6·07 | 7·97 | 8·69 | 8·77 | 8·09 | 5·93 | 0·94 | — | — | — | — | 49·47 | Mean Total, 1881–1905. |

## TABLE VI.

**KEW.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. NOVEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47°9 | 47°8 | 47°9 | 49°0 | 50°7 | 51°1 | 51°2 | 50°4 | 51°3 | 52°2 | 54°6 | 55°2 | 56°4 | 57°0 | 57°6 | 57°1 | 55°9 | 55°0 | 54°4 | 53°6 | 53°1 | 53°3 | 53°0 | 52°0 | 51°2 | 52°9 |
| 2 | 51°2 | 50°9 | 49°7 | 50°0 | 49°5 | 49°9 | 50°0 | 49°8 | 49°8 | 50°3 | 51°1 | 53°1 | 54°7 | 55°4 | 55°3 | 54°4 | 51°8 | 49°1 | 48°9 | 48°6 | 48°4 | 47°9 | 47°6 | 47°4 | 47°4 | 50°6 |
| 3 | 47°4 | 47°2 | 47°2 | 47°3 | 46°6 | 46°3 | 46°3 | 46°9 | 47°2 | 47°7 | 48°1 | 49°7 | 51°1 | 53°1 | 52°5 | 52°3 | 50°2 | 48°0 | 45°9 | 43°7 | 42°1 | 42°1 | 43°1 | 44°0 | 44°4 | 47°3 |
| 4 | 44°4 | 43°9 | 44°2 | 45°1 | 46°0 | 46°0 | 46°8 | 47°3 | 47°4 | 47°9 | 48°6 | 49°1 | 49°1 | 52°5 | 52°9 | 52°9 | 53°2 | 52°7 | 52°2 | 50°1 | 49°7 | 49°8 | 50°3 | 50°1 | 50°0 | 49°0 |
| 5 | 50°0 | 49°6 | 48°4 | 45°8 | 41°9 | 40°9 | 42°7 | 43°0 | 43°6 | 44°0 | 45°9 | 46°7 | 48°9 | 51°3 | 51°7 | 50°6 | 50°8 | 49°7 | 50°1 | 50°0 | 49°4 | 49°3 | 48°4 | 48°0 | 47°9 | 47°5 |
| 6 | 47°9 | 47°8 | 47°0 | 45°0 | 43°0 | 42°1 | 41°7 | 40°4 | 40°3 | 41°3 | 42°5 | 45°0 | 49°2 | 49°9 | 50°3 | 49°8 | 48°9 | 49°1 | 48°1 | 46°7 | 45°1 | 45°2 | 44°7 | 43°9 | 43°3 | 45°5 |
| 7 | 43°3 | 42°1 | 42°3 | 41°7 | 41°0 | 40°6 | 41°0 | 41°2 | 40°2 | 40°6 | 41°8 | 43°2 | 44°7 | 45°2 | 44°7 | 43°1 | 42°2 | 41°6 | 40°8 | 40°9 | 40°3 | 39°6 | 39°3 | 38°1 | 38°0 | 41°5 |
| 8 | 38°0 | 36°6 | 36°4 | 37°0 | 37°0 | 37°4 | 37°7 | 37°6 | 37°9 | 40°3 | 42°4 | 44°7 | 45°6 | 46°4 | 46°3 | 46°5 | 45°9 | 45°1 | 43°9 | 42°9 | 42°3 | 42°0 | 43°6 | 42°1 | 41°8 | 41°6 |
| 9 | 41°8 | 40°9 | 39°6 | 40°5 | 39°9 | 39°1 | 38°5 | 38°3 | 38°3 | 39°4 | 41°1 | 44°2 | 44°7 | 44°9 | 44°7 | 43°4 | 41°9 | 41°1 | 40°0 | 38°8 | 36°0 | 35°1 | 33°9 | 33°3 | 34°0 | 39°8 |
| 10 | 34°0 | 33°7 | 33°0 | 31°4 | 29°4 | 28°3 | 27°5 | 26°8 | 27°3 | 29°9 | 30°9 | 39°4 | 42°0 | 44°0 | 43°9 | 43°3 | 40°1 | 38°0 | 35°3 | 35°0 | 33°7 | 34°3 | 36°3 | 37°0 | 37°0 | 34°8 |
| 11 | 37°0 | 39°1 | 40°0 | 41°3 | 43°3 | 44°3 | 45°6 | 46°8 | 47°7 | 49°6 | 51°2 | 52°8 | 53°2 | 55°0 | 55°3 | 53°9 | 53°9 | 53°6 | 53°4 | 53°6 | 53°4 | 54°1 | 54°4 | 54°8 | 55°2 | 49°9 |
| 12 | 55°2 | 54°9 | 54°8 | 55°1 | 54°7 | 53°3 | 52°3 | 51°1 | 50°1 | 51°0 | 52°5 | 54°3 | 55°6 | 56°9 | 56°4 | 56°7 | 55°4 | 54°4 | 51°7 | 51°1 | 50°0 | 50°0 | 48°6 | 48°0 | 48°1 | 52°9 |
| 13 | 48°1 | 47°7 | 47°6 | 51°7 | 52°2 | 52°6 | 52°1 | 51°7 | 51°2 | 52°4 | 53°0 | 54°6 | 55°1 | 56°3 | 56°9 | 56°7 | 54°8 | 52°0 | 49°6 | 48°9 | 47°7 | 46°4 | 46°0 | 50°1 | 50°9 | 51°5 |
| 14 | 50°9 | 51°4 | 52°3 | 53°2 | 53°6 | 53°2 | 53°3 | 52°7 | 51°4 | 51°0 | 50°0 | 51°1 | 51°6 | 51°6 | 51°2 | 50°3 | 50°0 | 49°1 | 48°7 | 48°6 | 48°4 | 48°0 | 48°1 | 48°3 | 47°9 | 50°7 |
| 15 | 47°9 | 47°7 | 47°0 | 45°9 | 46°4 | 45°0 | 44°3 | 44°1 | 44°8 | 45°0 | 46°6 | 47°6 | 48°4 | 48°9 | 48°5 | 48°1 | 47°9 | 47°9 | 47°4 | 47°7 | 47°7 | 47°7 | 46°9 | 46°7 | 46°7 | 47°0 |
| 16 | 46°4 | 46°1 | 46°0 | 46°0 | 45°9 | 45°9 | 45°5 | 45°6 | 45°4 | 45°2 | 45°0 | 45°7 | 45°6 | 47°1 | 47°2 | 48°3 | 47°8 | 47°7 | 48°3 | 47°8 | 48°0 | 47°6 | 46°8 | 47°5 | 47°3 | 46°6 |
| 17 | 47°3 | 47°3 | 47°5 | 47°3 | 47°5 | 47°2 | 46°5 | 45°0 | 43°3 | 44°1 | 45°7 | 47°9 | 49°6 | 50°8 | 51°0 | 50°6 | 49°3 | 47°2 | 45°9 | 44°8 | 43°7 | 43°1 | 42°4 | 42°0 | 41°3 | 46°4 |
| 18 | 41°3 | 40°9 | 40°4 | 40°1 | 38°3 | 38°9 | 40°2 | 38°6 | 40°1 | 42°0 | 45°1 | 44°8 | 49°5 | 50°4 | 50°9 | 50°2 | 49°0 | 49°1 | 48°3 | 48°7 | 48°1 | 47°7 | 47°7 | 48°1 | 48°4 | 45°3 |
| 19 | 48°4 | 49°3 | 49°6 | 49°1 | 48°8 | 46°9 | 46°7 | 46°8 | 44°4 | 45°0 | 44°5 | 45°1 | 45°9 | 47°2 | 47°8 | 46°9 | 46°2 | 45°9 | 43°8 | 41°8 | 40°6 | 39°3 | 38°0 | 37°6 | 37°1 | 45°0 |
| 20 | 37°1 | 35°9 | 36°2 | 35°2 | 34°4 | 34°7 | 32°9 | 30°6 | 32°4 | 35°4 | 38°0 | 42°7 | 44°9 | 46°8 | 48°2 | 47°6 | 47°0 | 46°8 | 47°0 | 47°8 | 48°1 | 48°5 | 47°4 | 47°0 | 46°5 | 41°6 |
| 21 | 46°5 | 45°5 | 44°6 | 44°2 | 44°5 | 43°7 | 43°9 | 43°3 | 43°6 | 44°3 | 46°3 | 47°8 | 48°3 | 48°0 | 47°9 | 48°3 | 47°7 | 45°9 | 45°2 | 46°3 | 46°4 | 45°9 | 46°2 | 46°5 | 47°9 | 45°9 |
| 22 | 47°9 | 49°5 | 50°4 | 52°7 | 53°6 | 54°0 | 54°4 | 55°0 | 55°4 | 55°7 | 55°9 | 56°7 | 56°8 | 57°4 | 57°2 | 57°0 | 54°6 | 52°8 | 51°5 | 49°4 | 48°7 | 47°7 | 47°3 | 47°9 | 48°1 | 52°9 |
| 23 | 48°1 | 48°3 | 47°2 | 48°2 | 48°6 | 48°3 | 49°0 | 48°0 | 48°7 | 49°0 | 49°0 | 50°2 | 51°0 | 50°3 | 50°4 | 49°0 | 47°4 | 45°6 | 44°1 | 42°8 | 41°6 | 39°7 | 39°0 | 38°0 | 36°2 | 46°5 |
| 24 | 36°2 | 36°1 | 35°7 | 36°3 | 36°7 | 37°0 | 36°2 | 36°0 | 39°9 | 43°0 | 45°0 | 49°5 | 50°7 | 51°0 | 52°0 | 52°1 | 52°1 | 52°2 | 52°4 | 52°1 | 52°7 | 51°9 | 52°9 | 53°4 | 53°4 | 46°0 |
| 25 | 53°4 | 54°0 | 53°6 | 53°7 | 51°8 | 50°0 | 47°9 | 46°0 | 45°6 | 44°2 | 45°6 | 48°0 | 50°1 | 49°9 | 50°6 | 49°9 | 48°7 | 46°9 | 45°8 | 45°0 | 43°7 | 44°1 | 44°5 | 44°4 | 43°9 | 48°0 |
| 26 | 43°9 | 43°5 | 43°3 | 42°9 | 43°1 | 43°8 | 43°6 | 44°3 | 45°3 | 47°0 | 48°6 | 51°0 | 52°7 | 52°2 | 52°9 | 53°1 | 52°9 | 52°1 | 52°0 | 50°0 | 48°3 | 46°7 | 45°3 | 44°0 | 43°6 | 47°6 |
| 27 | 43°6 | 42°9 | 42°7 | 43°8 | 43°9 | 44°2 | 44°3 | 43°3 | 45°0 | 47°3 | 47°6 | 48°8 | 50°9 | 51°2 | 51°3 | 50°4 | 48°9 | 46°4 | 44°9 | 43°9 | 43°9 | 43°7 | 43°6 | 42°8 | 43°6 | 45°8 |
| 28 | 43°6 | 42°9 | 44°1 | 45°2 | 45°9 | 46°7 | 47°1 | 47°6 | 47°5 | 48°0 | 50°1 | 51°9 | 53°2 | 53°0 | 50°9 | 50°4 | 50°8 | 49°3 | 49°1 | 49°0 | 49°0 | 49°0 | 49°8 | 50°0 | 49°2 | 48°7 |
| 29 | 49°2 | 48°9 | 48°4 | 48°7 | 48°7 | 48°7 | 49°0 | 49°1 | 49°1 | 50°7 | 51°0 | 52°9 | 52°9 | 53°4 | 53°2 | 53°1 | 53°0 | 52°9 | 53°0 | 53°8 | 52°5 | 52°2 | 51°5 | 51°1 | 50°8 | 51°2 |
| 30 | 50°8 | 50°4 | 49°3 | 49°4 | 49°1 | 48°1 | 48°7 | 49°6 | 49°5 | 50°5 | 51°1 | 52°3 | 52°2 | 52°0 | 51°9 | 50°1 | 49°1 | 48°3 | 47°8 | 47°2 | 47°1 | 47°3 | 47°0 | 47°4 | 47°3 | 49°2 |
| **Mean** ... | 45°6 | 45°4 | 45°2 | 45°4 | 45°2 | 45°0 | 44°9 | 44°6 | 44°8 | 45°9 | 47°2 | 49°0 | 50°2 | 51°0 | 51°0 | 50°5 | 49°6 | 48°5 | 47°7 | 47°0 | 46°3 | 46°0 | 45°8 | 45°7 | 45°6 | 47°0 |
| **Mean, 1871–1905.** | 42°5 | 42°3 | 42°1 | 42°0 | 41°9 | 41°8 | 41°7 | 41°7 | 41°8 | 42°8 | 44°1 | 45°5 | 46°4 | 47°2 | 47°3 | 47°0 | 46°1 | 45°2 | 44°4 | 44°0 | 43°5 | 43°2 | 42°9 | 42°6 | 42°3 | 43°7 |

## TABLE VII.

**KEW.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). NOVEMBER, 1908.

| | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 100 | 98 | 99 | 99 | 99 | 99 | 99 | 97 | 98 | 99 | 91 | 91 | 89 | 87 | 86 | 86 | 88 | 89 | 91 | 93 | 95 | 94 | 94 | 95 | 95 | 93·9 |
| 2 | 95 | 94 | 96 | 97 | 97 | 96 | 97 | 95 | 97 | 91 | 91 | 85 | 78 | 79 | 77 | 82 | 86 | 92 | 93 | 91 | 92 | 91 | 92 | 90 | 90 | 90·5 |
| 3 | 90 | 92 | 93 | 91 | 93 | 92 | 92 | 89 | 90 | 87 | 87 | 82 | 80 | 79 | 80 | 80 | 88 | 94 | 97 | 96 | 99 | 99 | 98 | 97 | 98 | 90·4 |
| 4 | 98 | 99 | 98 | 98 | 97 | 95 | 95 | 94 | 94 | 94 | 93 | 89 | 92 | 77 | 79 | 76 | 73 | 74 | 73 | 82 | 88 | 85 | 81 | 84 | 85 | 87·6 |
| 5 | 85 | 88 | 92 | 97 | 98 | 95 | 96 | 98 | 95 | 93 | 95 | 93 | 73 | 71 | 80 | 73 | 75 | 74 | 78 | 82 | 87 | 83 | 84 | 82 | 84 | 86·6 |
| 6 | 82 | 80 | 83 | 91 | 91 | 92 | 93 | 92 | 93 | 94 | 89 | 84 | 75 | 76 | 76 | 78 | 82 | 78 | 73 | 78 | 82 | 83 | 81 | 82 | 82 | 83·6 |
| 7 | 80 | 83 | 80 | 78 | 78 | 79 | 79 | 78 | 81 | 79 | 75 | 69 | 67 | 64 | 61 | 63 | 71 | 66 | 66 | 63 | 63 | 68 | 68 | 70 | 72 | 71·9 |
| 8 | 72 | 76 | 77 | 74 | 74 | 70 | 67 | 66 | 69 | 62 | 62 | 57 | 53 | 45 | 45 | 49 | 53 | 57 | 60 | 63 | 69 | 72 | 73 | 80 | 81 | 64·5 |
| 9 | 81 | 83 | 86 | 81 | 83 | 83 | 83 | 81 | 75 | 73 | 70 | 71 | 60 | 57 | 56 | 56 | 57 | 59 | 60 | 64 | 70 | 73 | 79 | 78 | 80 | 71·3 |
| 10 | 72 | 68 | 75 | 70 | 74 | 78 | 84 | 85 | 86 | 76 | 78 | 61 | 63 | 58 | 60 | 55 | 62 | 66 | 71 | 73 | 73 | 77 | 74 | 76 | 89 | 71·8 |
| 11 | 89 | 85 | 86 | 85 | 90 | 91 | 95 | 95 | 96 | 97 | 98 | 93 | 94 | 89 | 89 | 96 | 94 | 95 | 96 | 95 | 94 | 93 | 91 | 91 | 91 | 92·4 |
| 12 | 91 | 95 | 96 | 97 | 97 | 99 | 98 | 98 | 99 | 97 | 93 | 86 | 72 | 66 | 73 | 70 | 75 | 77 | 84 | 88 | 93 | 95 | 98 | 97 | 98 | 89·1 |
| 13 | 98 | 96 | 99 | 97 | 98 | 97 | 97 | 96 | 99 | 97 | 88 | 83 | 74 | 69 | 65 | 68 | 76 | 84 | 89 | 94 | 94 | 97 | 99 | 97 | 98 | 89·6 |
| 14 | 98 | 97 | 95 | 94 | 96 | 97 | 97 | 92 | 92 | 85 | 83 | 81 | 76 | 77 | 79 | 86 | 89 | 95 | 95 | 94 | 91 | 93 | 92 | 92 | 91 | 90·1 |
| 15 | 91 | 89 | 93 | 94 | 92 | 94 | 96 | 92 | 93 | 93 | 92 | 86 | 87 | 88 | 92 | 93 | 93 | 93 | 90 | 92 | 91 | 93 | 94 | 92 | 91 | 91·8 |
| 16 | 91 | 93 | 90 | 88 | 89 | 89 | 89 | 84 | 87 | 88 | 88 | 88 | 87 | 89 | 88 | 86 | 87 | 88 | 89 | 90 | 90 | 91 | 93 | 92 | 92 | 89·0 |
| 17 | 92 | 95 | 96 | 96 | 93 | 95 | 95 | 94 | 97 | 91 | 88 | 79 | 73 | 65 | 65 | 66 | 71 | 78 | 82 | 81 | 85 | 84 | 88 | 85 | 88 | 84·7 |
| 18 | 88 | 85 | 89 | 90 | 90 | 93 | 91 | 92 | 90 | 87 | 84 | 78 | 73 | 73 | 75 | 77 | 80 | 80 | 84 | 85 | 88 | 92 | 93 | 92 | 93 | 85·5 |
| 19 | 93 | 91 | 89 | 89 | 91 | 87 | 90 | 80 | 85 | 77 | 80 | 76 | 73 | 69 | 67 | 69 | 72 | 71 | 72 | 79 | 82 | 87 | 85 | 83 | 87 | 80·5 |
| 20 | 87 | 90 | 90 | 91 | 92 | 90 | 92 | 91 | 95 | 90 | 88 | 83 | 82 | 76 | 71 | 73 | 80 | 84 | 85 | 86 | 86 | 76 | 78 | 73 | 74 | 84·3 |
| 21 | 74 | 74 | 77 | 74 | 70 | 73 | 73 | 75 | 74 | 73 | 72 | 70 | 70 | 72 | 73 | 72 | 73 | 82 | 84 | 84 | 87 | 94 | 95 | 94 | 96 | 77·9 |
| 22 | 96 | 95 | 96 | 93 | 91 | 92 | 91 | 88 | 87 | 85 | 85 | 82 | 82 | 79 | 78 | 76 | 73 | 65 | 61 | 65 | 63 | 68 | 67 | 64 | 65 | 79·5 |
| 23 | 65 | 65 | 74 | 71 | 69 | 69 | 67 | 74 | 70 | 68 | 68 | 65 | 63 | 61 | 57 | 59 | 61 | 64 | 68 | 70 | 75 | 78 | 80 | 78 | 86 | 68·7 |
| 24 | 86 | 86 | 86 | 88 | 86 | 85 | 89 | 87 | 87 | 87 | 85 | 81 | 81 | 82 | 81 | 81 | 83 | 84 | 84 | 91 | 88 | 89 | 87 | 87 | 90 | 85·5 |
| 25 | 90 | 89 | 93 | 90 | 87 | 92 | 89 | 89 | 81 | 83 | 75 | 67 | 59 | 64 | 61 | 65 | 67 | 74 | 78 | 78 | 80 | 78 | 80 | 78 | 84 | 78·6 |
| 26 | 84 | 83 | 85 | 87 | 82 | 86 | 87 | 89 | 87 | 86 | 86 | 80 | 77 | 80 | 77 | 75 | 77 | 75 | 84 | 86 | 89 | 91 | 90 | 92 | 92 | 83·5 |
| 27 | 92 | 93 | 93 | 92 | 93 | 93 | 95 | 97 | 93 | 91 | 90 | 87 | 81 | 77 | 73 | 77 | 80 | 86 | 90 | 91 | 91 | 88 | 93 | 93 | 92 | 88·7 |
| 28 | 92 | 93 | 91 | 90 | 89 | 88 | 87 | 84 | 85 | 82 | 81 | 80 | 81 | 84 | 88 | 90 | 88 | 92 | 93 | 93 | 94 | 92 | 92 | 92 | 92 | 88·3 |
| 29 | 92 | 89 | 89 | 90 | 92 | 92 | 93 | 94 | 93 | 93 | 93 | 90 | 93 | 96 | 96 | 97 | 97 | 97 | 97 | 95 | 96 | 97 | 97 | 98 | 95 | 94·1 |
| 30 | 95 | 97 | 99 | 98 | 100 | 98 | 97 | 98 | 97 | 95 | 96 | 90 | 87 | 87 | 91 | 92 | 94 | 97 | 96 | 98 | 98 | 97 | 99 | 96 | 96 | 95·5 |
| **Mean** ... | 88·0 | 88·0 | 89·5 | 89·0 | 89·0 | 89·3 | 89·7 | 88·6 | 88·8 | 86·3 | 84·8 | 79·9 | 77·1 | 74·6 | 74·3 | 75·9 | 78·1 | 80·5 | 81·8 | 84·0 | 85·6 | 86·9 | 87·1 | 86·7 | 87·8 | 84·3 |
| **Mean, 1886-1905.** | 89·8 | 89·6 | 90·0 | 90·0 | 90·1 | 89·8 | 90·4 | 90·0 | 90·0 | 88·2 | 86·7 | 84·0 | 81·5 | 79·7 | 79·1 | 79·6 | 82·4 | 84·4 | 86·1 | 86·7 | 87·7 | 88·0 | 88·8 | 89·2 | 89·6 | 86·7 |

[*Price Sixpence.*]

# VALENCIA OBSERVATORY. DECEMBER, 1908.

Lat. 51° 56′ N. Long. 10° 15′ W. Barometer Cistern 45 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 1 foot 10 inches above Ground ; 32 feet above Mean Sea Level.
Sunshine Recorder, 42 feet above Ground. Cups of Anemometer, 45 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows :—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**VALENCIA.** DAILY EXTREMES of PRESSURE and TEMPERATURE. DECEMBER, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·225 | 0·180 | **54·7** | 49·6 | 9 | 9·636 | 9·103 | 47·3 | 39·5 | 17 | 9·478 | 9·144 | 48·2 | 43·3 | 25 | 9·891 | 9·635 | 48·4 | 45·3 |
| 2 | 0·213 | 0·061 | 51·0 | 43·9 | 10 | 9·110 | 9·004 | 51·7 | 43·0 | 18 | 9·984 | 9·478 | 49·3 | 45·2 | 26 | 9·914 | 9·686 | 48·5 | 40·7 |
| 3 | 0·063 | 9·966 | 54·0 | 50·5 | 11 | 9·667 | 9·034 | 48·8 | 40·3 | 19 | 0·053 | 9·940 | 53·4 | 48·9 | 27 | 9·923 | 9·671 | 44·9 | 37·9 |
| 4 | 0·196 | 0·051 | 52·3 | 44·3 | 12 | 9·707 | 9·276 | 51·8 | 36·5 | 20 | 0·120 | 9·926 | 53·2 | 48·9 | 28 | 9·671 | 9·400 | 51·9 | 39·1 |
| 5 | 0·150 | 9·879 | 53·7 | 47·0 | 13 | 9·337 | 9·148 | 47·7 | 43·2 | 21 | 0·080 | 9·916 | 53·5 | 51·6 | 29 | 9·930 | 9·391 | 51·7 | 41·5 |
| 6 | 0·135 | 9·883 | 48·0 | 41·0 | 14 | 9·172 | 9·059 | 49·2 | 43·8 | 22 | 9·959 | 9·772 | 54·0 | 44·9 | 30 | 0·005 | 9·910 | 52·0 | 42·6 |
| 7 | 0·179 | 9·802 | 51·6 | 42·2 | 15 | 9·459 | **8·988** | 47·6 | 42·4 | 23 | 9·972 | 9·611 | 52·2 | 42·0 | 31 | **0·321** | 0·005 | 52·9 | 49·6 |
| 8 | 9·802 | 9·563 | 52·4 | 40·7 | 16 | 9·475 | 9·148 | 49·4 | **36·0** | 24 | 9·637 | 9·473 | 50·8 | 45·9 | Mean. | — | — | 50·8 | 43·6 |

## TABLE II.

**VALENCIA.** PRESSURE IN ENGLISH INCHES, First figure omitted. DECEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·217 | 0·217 | 0·208 | 0·199 | 0·189 | 0·192 | 0·190 | 0·197 | 0·203 | 0·219 | 0·217 | 0·222 | 0·212 | 0·198 | 0·185 | 0·183 | 0·185 | 0·196 | 0·203 | 0·208 | 0·215 | 0·216 | 0·218 | 0·213 | 0·213 | 0·204 |
| 2 | 0·213 | 0·202 | 0·192 | 0·197 | 0·195 | 0·178 | 0·173 | 0·176 | 0·181 | 0·180 | 0·171 | 0·182 | 0·162 | 0·146 | 0·125 | 0·125 | 0·102 | 0·093 | 0·093 | 0·091 | 0·089 | 0·076 | 0·065 | 0·071 | 0·063 | 0·142 |
| 3 | 0·063 | 0·048 | 0·041 | 0·016 | 0·001 | 0·004 | 9·997 | 9·988 | 9·993 | 0·003 | 0·014 | 0·009 | 9·998 | 9·983 | 9·978 | 9·966 | 9·968 | 9·980 | 9·980 | 9·976 | 9·982 | 9·994 | 0·002 | 0·022 | 0·051 | 0·000 |
| 4 | 0·051 | 0·052 | 0·069 | 0·082 | 0·101 | 0·112 | 0·122 | 0·132 | 0·146 | 0·162 | 0·186 | 0·186 | 0·191 | 0·178 | 0·184 | 0·190 | 0·184 | 0·190 | 0·184 | 0·190 | 0·192 | 0·186 | 0·181 | 0·176 | 0·162 | 0·150 |
| 5 | 0·150 | 0·142 | 0·127 | 0·114 | 0·080 | 0·058 | 0·030 | 0·004 | 9·994 | 9·980 | 9·946 | 9·926 | 9·897 | 9·879 | 9·917 | 9·913 | 9·931 | 9·939 | 9·959 | 9·963 | 9·977 | 9·981 | 9·987 | 9·980 | 9·978 | 9·991 |
| 6 | 9·978 | 9·975 | 9·979 | 9·981 | 9·975 | 9·967 | 9·961 | 9·950 | 9·925 | 9·929 | 9·917 | 9·927 | 9·913 | 9·895 | 9·887 | 9·891 | 9·907 | 9·935 | 9·958 | 9·978 | 0·011 | 0·050 | 0·091 | 0·119 | 0·135 | 9·966 |
| 7 | 0·135 | 0·149 | 0·155 | 0·179 | 0·171 | 0·165 | 0·162 | 0·161 | 0·165 | 0·161 | 0·149 | 0·123 | 0·106 | 0·083 | 0·053 | 0·035 | 0·017 | 9·997 | 9·974 | 9·940 | 9·923 | 9·897 | 9·869 | 9·833 | 9·802 | 0·060 |
| 8 | 9·802 | 9·761 | 9·712 | 9·678 | 9·637 | 9·645 | 9·664 | 9·667 | 9·674 | 9·691 | 9·699 | 9·689 | 9·675 | 9·669 | 9·663 | 9·641 | 9·629 | 9·615 | 9·619 | 9·580 | 9·577 | 9·566 | 9·563 | 9·563 | 9·563 | 9·652 |
| 9 | 9·563 | 9·559 | 9·555 | 9·565 | 9·561 | 9·569 | 9·569 | 9·572 | 9·587 | 9·598 | 9·615 | 9·631 | 9·601 | 9·587 | 9·567 | 9·551 | 9·545 | 9·519 | 9·505 | 9·473 | 9·431 | 9·349 | 9·263 | 9·159 | 9·103 | 9·511 |
| 10 | 9·103 | 9·071 | 9·081 | 9·083 | 9·089 | 9·105 | 9·092 | 9·085 | 9·065 | 9·063 | 9·052 | 9·040 | 9·012 | 9·010 | 9·009 | 9·022 | 9·027 | 9·046 | 9·034 | 9·034 | 9·024 | 9·032 | 9·037 | 9·034 | 9·054 | |
| 11 | 9·034 | 9·038 | 9·054 | 9·064 | 9·084 | 9·116 | 9·142 | 9·170 | 9·202 | 9·236 | 9·280 | 9·303 | 9·321 | 9·343 | 9·383 | 9·417 | 9·461 | 9·501 | 9·535 | 9·559 | 9·587 | 9·611 | 9·635 | 9·651 | 9·667 | 9·335 |
| 12 | 9·667 | 9·671 | 9·681 | 9·687 | 9·688 | 9·699 | 9·699 | 9·667 | 9·656 | 9·662 | 9·631 | 9·601 | 9·563 | 9·504 | 9·442 | 9·374 | 9·354 | 9·334 | 9·318 | 9·320 | 9·307 | 9·296 | 9·286 | 9·300 | 9·323 | 9·510 |
| 13 | 9·323 | 9·314 | 9·324 | 9·337 | 9·323 | 9·314 | 9·310 | 9·308 | 9·301 | 9·296 | 9·300 | 9·299 | 9·295 | 9·271 | 9·237 | 9·225 | 9·215 | 9·192 | 9·194 | 9·187 | 9·193 | 9·177 | 9·173 | 9·154 | 9·148 | 9·257 |
| 14 | 9·148 | 9·127 | 9·111 | 9·099 | 9·095 | 9·077 | 9·063 | 9·067 | 9·071 | 9·087 | 9·099 | 9·120 | 9·116 | 9·118 | 9·112 | 9·108 | 9·128 | 9·134 | 9·148 | 9·154 | 9·168 | 9·168 | 9·169 | 9·169 | 9·164 | 9·119 |
| 15 | 9·164 | 9·148 | 9·133 | 9·092 | 9·066 | 9·044 | 9·018 | 8·988 | 8·996 | 9·001 | 9·030 | 9·073 | 9·094 | 9·109 | 9·145 | 9·174 | 9·222 | 9·267 | 9·323 | 9·345 | 9·371 | 0·395 | 9·413 | 9·451 | 9·459 | 9·175 |
| 16 | 9·459 | 9·467 | 9·467 | 9·469 | 9·466 | 9·457 | 9·463 | 9·455 | 9·454 | 9·438 | 9·433 | 9·390 | 9·350 | 9·309 | 9·274 | 9·239 | 9·228 | 9·220 | 9·202 | 9·180 | 9·169 | 9·162 | 9·154 | 9·158 | 9·148 | 9·329 |
| 17 | 9·148 | 9·146 | 9·146 | 9·153 | 9·153 | 9·152 | 9·148 | 9·154 | 9·162 | 9·166 | 9·190 | 9·194 | 9·203 | 9·191 | 9·198 | 9·215 | 9·245 | 9·269 | 9·278 | 9·279 | 9·274 | 9·330 | 9·374 | 9·415 | 9·478 | 9·223 |
| 18 | 9·478 | 9·533 | 9·594 | 9·645 | 9·694 | 9·720 | 9·753 | 9·783 | 9·829 | 9·856 | 9·889 | 9·899 | 9·914 | 9·925 | 9·933 | 9·941 | 9·950 | 9·961 | 9·965 | 9·974 | 9·984 | 9·969 | 9·975 | 9·965 | 9·943 | 9·849 |
| 19 | 9·943 | 9·951 | 9·955 | 9·960 | 9·959 | 9·965 | 9·978 | 9·994 | 0·009 | 0·029 | 0·053 | 0·051 | 0·043 | 0·037 | 0·035 | 0·037 | 0·040 | 0·039 | 0·040 | 0·038 | 0·033 | 0·029 | 0·024 | 0·002 | 9·995 | 0·011 |
| 20 | 9·995 | 9·985 | 9·974 | 9·960 | 9·944 | 9·935 | 9·941 | 9·950 | 9·987 | 0·021 | 0·044 | 0·060 | 0·070 | 0·077 | 0·085 | 0·089 | 0·101 | 0·109 | 0·109 | 0·106 | 0·118 | 0·120 | 0·109 | 0·101 | 0·080 | 0·043 |
| 21 | 0·080 | 0·077 | 0·072 | 0·063 | 0·049 | 0·038 | 0·025 | 0·024 | 0·020 | 0·019 | 0·014 | 0·018 | 0·007 | 0·001 | 9·991 | 9·977 | 9·959 | 9·940 | 9·940 | 9·948 | 9·940 | 9·925 | 9·924 | 9·920 | 9·916 | 9·995 |
| 22 | 9·916 | 9·916 | 9·907 | 9·900 | 9·890 | 9·866 | 9·847 | 9·847 | 9·841 | 9·836 | 9·817 | 9·803 | 9·784 | 9·778 | 9·785 | 9·802 | 9·837 | 9·874 | 9·901 | 9·922 | 9·941 | 9·948 | 9·955 | 9·956 | 9·956 | 9·870 |
| 23 | 9·956 | 9·964 | 9·962 | 9·972 | 9·952 | 9·941 | 9·919 | 9·888 | 9·877 | 9·870 | 9·854 | 9·837 | 9·809 | 9·778 | 9·764 | 9·757 | 9·743 | 9·727 | 9·719 | 9·702 | 9·695 | 9·672 | 9·644 | 9·629 | 9·617 | 9·811 |
| 24 | 9·617 | 9·583 | 9·548 | 9·536 | 9·527 | 9·501 | 9·488 | 9·481 | 9·477 | 9·485 | 9·492 | 9·500 | 9·496 | 9·495 | 9·485 | 9·491 | 9·512 | 9·512 | 9·541 | 9·569 | 9·580 | 9·588 | 9·599 | 9·608 | 9·637 | 9·530 |
| 25 | 9·637 | 9·665 | 9·695 | 9·720 | 9·744 | 9·761 | 9·780 | 9·794 | 9·844 | 9·873 | 9·874 | 9·864 | 9·863 | 9·861 | 9·860 | 9·859 | 9·883 | 9·880 | 9·878 | 9·891 | 9·859 | 9·848 | 9·820 | 9·799 | 9·783 | 9·818 |
| 26 | 9·783 | 9·787 | 9·751 | 9·737 | 9·734 | 9·719 | 9·700 | 9·694 | 9·689 | 9·698 | 9·743 | 9·775 | 9·785 | 9·794 | 9·806 | 9·822 | 9·848 | 9·855 | 9·871 | 9·890 | 9·899 | 9·900 | 9·903 | 9·904 | 9·905 | 9·798 |
| 27 | 9·905 | 9·905 | 9·903 | 9·909 | 9·919 | 9·905 | 9·900 | 9·901 | 9·899 | 9·875 | 9·838 | 9·841 | 9·814 | 9·777 | 9·775 | 9·773 | 9

## VALENCIA. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V.) in Miles per Hour, as recorded by the Robinson Anemometer. DECEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 13 | 12 | 12 | 11 | 12 | 12 | 9 | 5 | 12 | 12 | 12 | 17 | 12 | 15 | 10 | 12 | 9 | 8 | 10 | 10 | 11 | 8 | 11 | 7 |
| 2 | 12 | 8 | 12 | 4 | — | 1 | — | 3 | 6 | 5 | 10 | 7 | 11 | 7 | 11 | 6 | 10 | 10 | 10 | 7 | 12 | 6 | 11 | 10 |
| 3 | 12 | 16 | 12 | 17 | 12 | 18 | 12 | 18 | 12 | 18 | 12 | 20 | 12 | 19 | 12 | 18 | 12 | 18 | 12 | 18 | 12 | 19 | 12 | 23 |
| 4 | — | 2 | 25 | 7 | 25 | 11 | 25 | 8 | 25 | 6 | — | 3 | — | 2 | — | 3 | — | 3 | — | 2 | — | 3 | 17 | 7 |
| 5 | 15 | 10 | 15 | 13 | 15 | 14 | 15 | 13 | 15 | 13 | 15 | 14 | 15 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 17 | 16 | 19 |
| 6 | 21 | 18 | 22 | 15 | 21 | 9 | 19 | 7 | 22 | 5 | 8 | 4 | 5 | 5 | 14 | 7 | 20 | 10 | 19 | 7 | 22 | 13 | 21 | 6 |
| 7 | 1 | 11 | 1 | 5 | 29 | 4 | 26 | 7 | 26 | 7 | 20 | 7 | 17 | 4 | 18 | 4 | 17 | 7 | 16 | 8 | 16 | 10 | 18 | 12 |
| 8 | 18 | 18 | 17 | 18 | 18 | 18 | 18 | 18 | 22 | 20 | 24 | 18 | 24 | 22 | 24 | 23 | 23 | 25 | 24 | 21 | 26 | 22 | 23 | 23 |
| 9 | 22 | 14 | 22 | 21 | 22 | 19 | 22 | 23 | 22 | 17 | 23 | 19 | 21 | 22 | 22 | 17 | 21 | 15 | 23 | 7 | 21 | 7 | 16 | 10 |
| 10 | 22 | 26 | 22 | 26 | 23 | 34 | 24 | 32 | 23 | 26 | 24 | 26 | 22 | 26 | 23 | 26 | 22 | 27 | 23 | 23 | 23 | 26 | 26 | 26 |
| 11 | 26 | 32 | 27 | 22 | 28 | 26 | 25 | 25 | 31 | 22 | 27 | 19 | 26 | 19 | 28 | 21 | 29 | 22 | 30 | 16 | 28 | 18 | 29 | 21 |
| 12 | 29 | 9 | 30 | 7 | 30 | 4 | — | 1 | — | 2 | 2 | 7 | 3 | 5 | — | 2 | — | 3 | 13 | 16 | 13 | 15 | 13 | 18 |
| 13 | 21 | 17 | 21 | 21 | 20 | 15 | 20 | 19 | 23 | 20 | 21 | 18 | 21 | 20 | 19 | 13 | 20 | 12 | 19 | 10 | 20 | 13 | 17 | 11 |
| 14 | 16 | 15 | 16 | 14 | 16 | 14 | 16 | 12 | 15 | 10 | 15 | 11 | 15 | 7 | 15 | 7 | 17 | 6 | 17 | 6 | 16 | 5 | 19 | 11 |
| 15 | 22 | 14 | 22 | 8 | 19 | 4 | 17 | 7 | 17 | 6 | 10 | 9 | 6 | 8 | 8 | 6 | 6 | 8 | 4 | 8 | 5 | 11 | 6 | 10 |
| 16 | — | 1 | — | 2 | 2 | 4 | 2 | 4 | — | 2 | — | 3 | 4 | 4 | 13 | 8 | 13 | 7 | 16 | 6 | 15 | 10 | 15 | 15 |
| 17 | 22 | 17 | 21 | 15 | 21 | 15 | 22 | 15 | 22 | 15 | 21 | 16 | 21 | 21 | 20 | 14 | 21 | 22 | 20 | 17 | 21 | 20 | 21 | 21 |
| 18 | 26 | 21 | 28 | 23 | 28 | 24 | 28 | 21 | 26 | 20 | 27 | 22 | 26 | 20 | 27 | 18 | 27 | 18 | 28 | 16 | 26 | 18 | 25 | 20 |
| 19 | 20 | 12 | 21 | 15 | 21 | 10 | 21 | 15 | 21 | 17 | 21 | 17 | 21 | 12 | 21 | 10 | 21 | 15 | 21 | 11 | 19 | 9 | 20 | 9 |
| 20 | 16 | 15 | 16 | 15 | 16 | 15 | 16 | 16 | 16 | 15 | 16 | 12 | 17 | 12 | 20 | 10 | 19 | 7 | 21 | 9 | 21 | 4 | 21 | 4 |
| 21 | 15 | 13 | 15 | 11 | 15 | 13 | 15 | 14 | 15 | 12 | 15 | 12 | 15 | 14 | 15 | 15 | 15 | 15 | 15 | 12 | 15 | 13 | 15 | 16 |
| 22 | 15 | 18 | 15 | 14 | 15 | 15 | 15 | 17 | 15 | 17 | 15 | 18 | 15 | 17 | 15 | 20 | 15 | 18 | 15 | 15 | 15 | 17 | 15 | 19 |
| 23 | — | 2 | — | 3 | 6 | 6 | 4 | 7 | 5 | 7 | 7 | 11 | 8 | 10 | — | 3 | — | 2 | 10 | 11 | 12 | 15 | 13 | 20 |
| 24 | 11 | 29 | 12 | 27 | 11 | 31 | 12 | 30 | 12 | 27 | 12 | 29 | 12 | 29 | 11 | 31 | 11 | 29 | 11 | 28 | 11 | 23 | 11 | 24 |
| 25 | 8 | 12 | 8 | 10 | 7 | 7 | 9 | 7 | 7 | 9 | 7 | 6 | 7 | 6 | 6 | 7 | 10 | 10 | 8 | 18 | 8 | 22 | 8 | 22 |
| 26 | 13 | 21 | 13 | 23 | 13 | 21 | 15 | 15 | 15 | 14 | 15 | 15 | 15 | 13 | 14 | 13 | 16 | 15 | 25 | 21 | 27 | 15 | 27 | 13 |
| 27 | 24 | 15 | 28 | 15 | 25 | 12 | 29 | 14 | 30 | 7 | 28 | 18 | 26 | 18 | 23 | 18 | 21 | 16 | 22 | 12 | 28 | 17 | 26 | 19 |
| 28 | 20 | 4 | 17 | 4 | 15 | 6 | 12 | 8 | 12 | 10 | 11 | 8 | 11 | 10 | 11 | 10 | 11 | 10 | 12 | 8 | 8 | 7 | 10 | 4 |
| 29 | 21 | 21 | 21 | 19 | 21 | 19 | 21 | 21 | 22 | 21 | 23 | 22 | 28 | 21 | 28 | 17 | 28 | 18 | 27 | 18 | 27 | 21 | 27 | 21 |
| 30 | 23 | 14 | 24 | 10 | 22 | 12 | 21 | 7 | 19 | 10 | 18 | 7 | 16 | 9 | 16 | 10 | 16 | 14 | 16 | 15 | 16 | 12 | 16 | 12 |
| 31 | 17 | 8 | 16 | 10 | 18 | 10 | 17 | 10 | 16 | 8 | 17 | 12 | 20 | 16 | 20 | 15 | 19 | 15 | 16 | 8 | 16 | 9 | 16 | 12 |
| Mean ... | — | 14 | — | 14 | — | 14 | — | 14 | — | 13 | — | 14 | — | 14 | — | 13 | — | 14 | — | 13 | — | 14 | — | 15 |
| Mean, 1881–1905. | — | 14·7 | — | 14·7 | — | 14·7 | — | 14·5 | — | 14·5 | — | 14·4 | — | 14·2 | — | 14·2 | — | 14·3 | — | 13·9 | — | 13·8 | — | 15·0 |

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 9 | 7 | 14 | 10 | 13 | 13 | 12 | 10 | 13 | 11 | 12 | 9 | 12 | 8 | 12 | 6 | 12 | 8 | 13 | 6 | 12 | 8 | 12 | 9 | 10 | 1 |
| 2 | 12 | 8 | 12 | 10 | 11 | 10 | 8 | 14 | 8 | 12 | 9 | 6 | 12 | 12 | 10 | 11 | 10 | 15 | 7 | 16 | 12 | 12 | 12 | 15 | 9 | 2 |
| 3 | 13 | 23 | 14 | 21 | 13 | 23 | 13 | 21 | 13 | 20 | 12 | 18 | 12 | 15 | 12 | 13 | 15 | 8 | 19 | 4 | 28 | 10 | 30 | 4 | 17 | 3 |
| 4 | 17 | 6 | 18 | 7 | 17 | 8 | 16 | 9 | 15 | 10 | 15 | 9 | 15 | 8 | 15 | 10 | 15 | 10 | 15 | 10 | 15 | 12 | 15 | 12 | 7 | 4 |
| 5 | 16 | 21 | 21 | 17 | 21 | 7 | 23 | 14 | 23 | 17 | 23 | 15 | 24 | 14 | 23 | 12 | 22 | 12 | 22 | 11 | 21 | 13 | 21 | 14 | 14 | 5 |
| 6 | 21 | 10 | 22 | 18 | 23 | 21 | 23 | 15 | 28 | 10 | 29 | 10 | 28 | 15 | 30 | 15 | 32 | 24 | 31 | 23 | 31 | 16 | 1 | 12 | 12 | 6 |
| 7 | 17 | 13 | 16 | 13 | 19 | 13 | 17 | 12 | 16 | 12 | 18 | 14 | 16 | 13 | 16 | 15 | 18 | 14 | 16 | 14 | 17 | 16 | 19 | 18 | 11 | 7 |
| 8 | 22 | 21 | 22 | 23 | 23 | 11 | 19 | 12 | 20 | 12 | 22 | 17 | 19 | 9 | 19 | 13 | 19 | 9 | 21 | 7 | 25 | 17 | 22 | 13 | 17 | 8 |
| 9 | 21 | 21 | 21 | 17 | 21 | 20 | 21 | 12 | 21 | 12 | 21 | 11 | 17 | 8 | 17 | 7 | 15 | 12 | 15 | 12 | 14 | 20 | 14 | 16 | 15 | 9 |
| 10 | 23 | 32 | 24 | 32 | 24 | 36 | 24 | 34 | 25 | 34 | 27 | 33 | 25 | 37 | 25 | 37 | 24 | 40 | 25 | 37 | 25 | 37 | 25 | 31 | 31 | 10 |
| 11 | 29 | 22 | 30 | 21 | 32 | 18 | 30 | 21 | 31 | 15 | 32 | 18 | 31 | 15 | 32 | 10 | 31 | 15 | 31 | 13 | 31 | 14 | 31 | 14 | 19 | 11 |
| 12 | 14 | 18 | 14 | 22 | 14 | 26 | 14 | 21 | 14 | 17 | 20 | 15 | 20 | 10 | 19 | 10 | 19 | 14 | 20 | 18 | 22 | 21 | 22 | 21 | 13 | 12 |
| 13 | 20 | 14 | 17 | 16 | 17 | 14 | 17 | 12 | 17 | 15 | 18 | 16 | 19 | 15 | 16 | 15 | 18 | 12 | 19 | 11 | 16 | 12 | 17 | 12 | 15 | 13 |
| 14 | 22 | 14 | 22 | 15 | 22 | 17 | 24 | 20 | 23 | 18 | 24 | 23 | 23 | 22 | 24 | 24 | 24 | 24 | 24 | 21 | 24 | 18 | 22 | 17 | 15 | 14 |
| 15 | 3 | 9 | 3 | 12 | 1 | 14 | 1 | 13 | 1 | 15 | 1 | 16 | 1 | 15 | 2 | 9 | 2 | 5 | — | 2 | — | 1 | — | 1 | 9 | 15 |
| 16 | 15 | 14 | 15 | 15 | 15 | 15 | 16 | 10 | 15 | 9 | 15 | 11 | 16 | 12 | 16 | 11 | 17 | 12 | 18 | 14 | 19 | 14 | 20 | 14 | 9 | 16 |
| 17 | 21 | 24 | 26 | 23 | 24 | 14 | 23 | 18 | 22 | 19 | 21 | 18 | 21 | 21 | 21 | 19 | 27 | 19 | 25 | 21 | 26 | 21 | 29 | 16 | 18 | 17 |
| 18 | 26 | 17 | 26 | 13 | 25 | 11 | 24 | 16 | 23 | 10 | 22 | 8 | 22 | 7 | 19 | 6 | 16 | 7 | 16 | 9 | 18 | 12 | 18 | 13 | 15 | 18 |
| 19 | 20 | 11 | 19 | 10 | 19 | 10 | 19 | 9 | 18 | 9 | 16 | 9 | 16 | 10 | 16 | 10 | 16 | 13 | 16 | 14 | 16 | 14 | 16 | 15 | 12 | 19 |
| 20 | 21 | 4 | 21 | 4 | — | 3 | 17 | 5 | 14 | 7 | 14 | 8 | 14 | 10 | 14 | 11 | 14 | 9 | 12 | 12 | 14 | 13 | 15 | 12 | 10 | 20 |
| 21 | 15 | 15 | 15 | 15 | 15 | 14 | 15 | 16 | 15 | 17 | 15 | 18 | 15 | 16 | 15 | 15 | 15 | 18 | 15 | 18 | 15 | 18 | 15 | 18 | 15 | 21 |
| 22 | 15 | 21 | 15 | 16 | 16 | 12 | 26 | 7 | 27 | 13 | 29 | 10 | 29 | 10 | 30 | 11 | 31 | 6 | 4 | 4 | 7 | 5 | 4 | 4 | 13 | 22 |
| 23 | 14 | 21 | 14 | 21 | 14 | 19 | 14 | 22 | 14 | 26 | 13 | 26 | 12 | 30 | 12 | 28 | 12 | 28 | 12 | 29 | 12 | 29 | 12 | 29 | 17 | 23 |
| 24 | 12 | 24 | 11 | 21 | 11 | 19 | 9 | 17 | 10 | 20 | 8 | 20 | 8 | 21 | 8 | 20 | 9 | 20 | 8 | 15 | 9 | 18 | 8 | 15 | 24 | 24 |
| 25 | 8 | 21 | 9 | 20 | 9 | 18 | 9 | 16 | 9 | 17 | 9 | 12 | 13 | 13 | 12 | 13 | 12 | 17 | 12 | 18 | 12 | 21 | 13 | 21 | 14 | 25 |
| 26 | 27 | 15 | 27 | 15 | 27 | 16 | 29 | 13 | 29 | 10 | 26 | 15 | 27 | 12 | 26 | 12 | 28 | 9 | 26 | 11 | — | 2 | 23 | 15 | 14 | 26 |
| 27 | 25 | 27 | 27 | 24 | 27 | 22 | 27 | 21 | 26 | 18 | 27 | 17 | 27 | 13 | 28 | 10 | 27 | 6 | 27 | 7 | 27 | 4 | — | 2 | 15 | 27 |
| 28 | 13 | 4 | 15 | 10 | 15 | 9 | 20 | 12 | 20 | 9 | 18 | 10 | 18 | 12 | 18 | 12 | 17 | 15 | 19 | 18 | 20 | 21 | 20 | 19 | 10 | 28 |
| 29 | 27 | 23 | 27 | 23 | 27 | 21 | 27 | 20 | 26 | 21 | 25 | 19 | 26 | 21 | 25 | 22 | 25 | 19 | 23 | 18 | 23 | 15 | 23 | 16 | 20 | 29 |
| 30 | 16 | 17 | 16 | 16 | 16 | 17 | 16 | 15 | 16 | 15 | 16 | 18 | 17 | 13 | 18 | 13 | 20 | 10 | 18 | 8 | 18 | 7 | 18 | 7 | 12 | 30 |
| 31 | 18 | 12 | 18 | 12 | 17 | 12 | 18 | 12 | 17 | 10 | 16 | 10 | 16 | 9 | 16 | 11 | 15 | 10 | 17 | 12 | 15 | 12 | 15 | 15 | 11 | 31 |
| | — | 16 | — | 17 | — | 16 | — | 15 | — | 15 | — | 15 | — | 14 | — | 14 | — | 14 | — | 14 | — | 14 | — | 15 | 14 | |
| | — | 15·3 | — | 15·3 | — | 15·1 | — | 14·9 | — | 14·7 | — | 14·4 | — | 14·7 | — | 14·4 | — | 14·6 | — | 14·7 | — | 14·8 | 14·6 | | Mean, 1881–1905. | |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

## VALENCIA. TABLE IV.—Rainfall in English Inches. DECEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.[a] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·05 | ·22 | ·18 | ·07 | ·01 | — | ·54 |
| 4 | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | ·02 |
| 5 | — | — | — | — | ·01 | — | — | ·02 | ·05 | ·01 | ·07 | — | ·03 | ·05 | — | — | — | — | — | — | — | — | — | — | ·24 |
| 6 | — | — | ·01 | ·04 | — | — | — | — | ·03 | — | ·01 | — | — | — | — | — | ·01 | ·02 | ·01 | ·02 | ·01 | ·02 | ·02 | ·03 | ·23 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·04 | — | — | ·01 | ·01 | — | ·01 | ·01 | — | — | ·02 | ·10 |
| 8 | — | — | ·08 | ·05 | ·05 | ·02 | — | — | ·01 | ·01 | ·01 | — | — | — | — | — | — | ·01 | ·05 | ·02 | — | ·02 | — | — | ·33 |
| 9 | — | — | — | — | — | — | ·01 | — | — | — | ·06 | — | — | ·01 | — | — | — | ·01 | ·04 | ·03 | ·10 | ·08 | ·09 | ·06 | ·49 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | ·01 | ·01 | ·04 | ·05 | — | — | ·01 | — | ·04 | ·02 | — | — | — | ·01 | ·01 | — | ·01 | ·01 | — | — | ·01 | — | ·13 |
| 12 | — | — | — | — | — | — | — | — | — | — | ·04 | ·08 | ·07 | ·16 | ·13 | ·12 | ·06 | — | — | — | — | — | ·04 | — | ·70 |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·13 |
| 14 | ·04 | — | — | ·03 | — | — | ·01 | — | — | ·01 | ·01 | — | — | ·01 | ·02 | — | — | — | ·02 | — | — | ·03 | — | — | ·18 |
| 15 | — | — | — | ·05 | ·08 | ·04 | — | ·01 | — | — | — | — | — | ·03 | ·03 | — | — | ·01 | ·02 | — | — | — | — | — | ·18 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·03 | ·10 | — | — | — | — | ·03 | ·03 | — | — | — | ·20 |
| 17 | — | ·02 | ·01 | ·08 | ·05 | — | — | ·04 | — | ·03 | — | — | — | ·02 | — | — | — | — | — | ·02 | — | — | — | — | ·27 |
| 18 | ·01 | — | — | — | — | — | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | ·04 | ·04 | ·03 | ·02 | ·03 | ·19 |
| 19 | — | — | ·01 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 |
| 20 | — | — | — | — | ·01 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | ·05 |
| 21 | ·01 | ·01 | — | — | — | — | — | ·03 | ·08 | ·01 | ·01 | ·01 | — | — | — | — | — | — | — | ·04 | ·02 | ·06 | ·07 | ·11 | ·40 |
| 22 | ·08 | — | — | ·01 | ·01 | ·02 | ·09 | ·08 | ·09 | ·07 | ·13 | ·12 | ·05 | ·04 | ·01 | — | — | — | — | — | — | — | — | — | ·80 |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | ·09 | ·07 | ·02 | — | — | — | — | — | — | — | ·20 |
| 24 | — | — | ·03 | ·04 | ·04 | ·02 | ·03 | ·02 | ·04 | ·03 | ·03 | ·07 | ·02 | ·05 | ·02 | ·01 | — | — | — | — | — | — | — | — | ·45 |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | ·06 | ·08 | ·06 | ·07 | ·11 | ·09 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | — | ·50 |
| 27 | — | — | ·03 | — | — | — | — | ·01 | ·01 | ·11 | ·02 | ·02 | — | — | — | — | — | ·01 | — | — | — | — | — | — | ·21 |
| 28 | — | ·02 | ·06 | ·05 | ·09 | ·06 | ·08 | ·09 | ·03 | — | ·01 | ·04 | ·07 | ·08 | — | — | ·01 | ·02 | ·01 | ·01 | ·04 | ·05 | — | — | ·82 |
| 29 | — | — | — | — | ·01 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·05 |
| 30 | — | — | — | — | ·01 | — | — | — | — | — | ·05 | — | ·03 | — | — | — | — | — | — | — | — | — | — | — | ·21 |
| 31 | — | — | ·01 | ·01 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | ·01 | ·04 | ·07 | ·03 | — | ·02 | ·03 | — | ·09 |
| Sum ... | ·14 | ·05 | ·25 | ·45 | ·49 | ·28 | ·34 | ·43 | ·48 | ·29 | ·49 | ·38 | ·29 | ·53 | ·43 | ·22 | ·16 | ·17 | ·28 | ·45 | ·42 | ·39 | ·30 | ·26 | 7·97 |
| Average 1871–1905. | ·264 | ·271 | ·277 | ·309 | ·265 | ·273 | ·280 | ·262 | ·255 | ·247 | ·228 | ·253 | ·253 | ·255 | ·250 | ·227 | ·249 | ·243 | ·273 | ·301 | ·298 | ·284 | ·252 | ·240 | 9·311 |

[a] Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

## VALENCIA. TABLE V.—Duration of Bright Sunshine in Hours. DECEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | ·3 | — | — | — | — | — | 0·3 | Dull. |
| 2 | — | — | — | — | — | — | — | ·1 | ·1 | ·4 | — | — | — | — | — | — | — | 0·6 | Very cloudy, breaking only about mid-day. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull; ●², ≋, in evening. |
| 4 | — | — | — | — | — | ·1 | ·4 | ·7 | ·5 | ·8 | ·1 | — | — | — | — | — | — | 2·6 | Fair to overcast. |
| 5 | — | — | — | — | — | — | — | — | ·4 | ·6 | ·6 | ·4 | — | — | — | — | — | 2·0 | Showery and squally. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ●; ≋ P.M. |
| 7 | — | — | — | — | — | — | — | ·7 | ·9 | 1·0 | ·3 | — | — | — | — | — | — | 2·9 | Cloudy and showery to clear. |
| 8 | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | — | — | — | — | 0·1 | Dull and unsettled-looking; ●. |
| 9 | — | — | — | — | — | — | ·1 | — | ·3 | ·4 | ·4 | ·1 | — | — | — | — | — | 1·3 | Very unsettled-looking all day; frequent |
| 10 | — | — | — | — | — | — | ·1 | ·7 | ·7 | ·3 | — | — | — | — | — | — | — | 1·8 | Showery and squally. [● showers and ⸗ |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋ and ●². |
| 12 | — | — | — | — | — | — | ·3 | — | ·5 | ·8 | ·3 | ·3 | — | — | — | — | — | 2·2 | Cloudy and showery, with bright intervals. |
| 13 | — | — | — | — | — | ·2 | ·4 | ·1 | ·4 | ·9 | ·1 | — | — | — | — | — | — | 2·1 | Fair to cloudy with showers. |
| 14 | — | — | — | — | — | — | — | — | ·2 | ·9 | 1·0 | 1·0 | — | — | — | — | — | 3·1 | A.M. unsettled-looking and ●; P.M. fair. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋ and ● P.M. |
| 16 | — | — | — | — | — | — | — | ·7 | ·6 | ·2 | ·3 | ·4 | — | — | — | — | — | 2·2 | Showery to fair. |
| 17 | — | — | — | — | — | — | ·1 | — | — | ·2 | ·3 | — | — | — | — | — | — | 0·6 | Squally and dull; ● from 20h. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and ≋ all day. |
| 19 | — | — | — | — | — | — | ·4 | 1·0 | 1·0 | 1·0 | ·3 | — | — | — | — | — | — | 3·7 | ≋, ●², early and late; fine during day. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy day, with ≋ and ●. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● till 4h., and ≋ till 22h., then clearer. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ● 14h.–17h.; squally evening. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast, ●, and ≋. |
| 24 | — | — | — | — | — | — | — | ·1 | ·9 | 1·0 | 1·0 | — | — | — | — | — | — | 3·0 | Squally to fine. |
| 25 | — | — | — | — | — | — | — | — | — | — | ·3 | ·5 | — | — | — | — | — | 0·8 | ●² early; dull to fine. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 27 | — | — | — | — | — | — | — | — | ·25 | ·05 | — | — | — | — | — | — | — | 0·3 | Dull; ●. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋ and ● all day. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Showery and squally, with fair intervals. |
| 30 | — | — | — | — | — | -- | ·8 | ·4 | ·3 | ·5 | ·8 | ·1 | — | — | — | — | — | 2·9 | Dull and showery. |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, ●². |
| | — | — | — | — | — | 0·3 | 2·7 | 4·5 | 6·8 | 9·25 | 5·85 | 3·1 | — | — | -- | — | — | 32·5 | Total. |
| | — | — | — | — | 0·02 | 2·37 | 6·58 | 8·01 | 7·79 | 7·42 | 5·97 | 2·96 | 0·04 | — | — | — | — | 41·16 | Mean Total, 1881–1905. |

TABLE VI.

**VALENCIA.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. DECEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 49·9 | 51·2 | 51·6 | 52·5 | 52·1 | 52·0 | 52·1 | 52·3 | 52·3 | 52·5 | 52·8 | 53·1 | 53·9 | 54·4 | 54·4 | 53·7 | 53·0 | 52·8 | 52·2 | 50·6 | 50·7 | 50·7 | 50·8 | 50·9 | 50·1 | 52·2 |
| 2 | 50·1 | 49·9 | 49·5 | 46·9 | 45·2 | 45·1 | 48·5 | 49·3 | 49·3 | 49·7 | 49·6 | 50·3 | 50·5 | 50·8 | 50·5 | 50·4 | 49·4 | 48·5 | 47·1 | 49·2 | 48·9 | 50·4 | 50·2 | 50·8 | 51·0 | 49·2 |
| 3 | 51·0 | 51·6 | 51·5 | 52·0 | 52·5 | 52·7 | 52·5 | 53·0 | 53·1 | 53·6 | 53·1 | 53·6 | 53·7 | 53·4 | 53·2 | 53·9 | 53·6 | 53·9 | 53·7 | 53·8 | 53·3 | 53·0 | 52·6 | 50·6 | 50·7 | 52·9 |
| 4 | 50·7 | 50·3 | 50·9 | 50·8 | 49·6 | 49·5 | 48·4 | 47·2 | 44·7 | 46·0 | 44·5 | 47·0 | 50·7 | 51·2 | 52·0 | 51·6 | 51·5 | 50·6 | 50·6 | 51·1 | 51·4 | 51·6 | 51·9 | 52·0 | 52·2 | 49·9 |
| 5 | 52·2 | 52·6 | 52·6 | 52·6 | 52·6 | 52·5 | 52·4 | 52·3 | 52·5 | 52·4 | 52·6 | 52·9 | 53·5 | 53·7 | 50·4 | 49·7 | 50·8 | 50·2 | 49·6 | 49·4 | 48·9 | 48·5 | 47·5 | 47·9 | 47·7 | 51·2 |
| 6 | 47·7 | 48·0 | 47·6 | 46·1 | 45·2 | 44·4 | 43·3 | 41·7 | 42·7 | 44·4 | 45·4 | 44·2 | 45·0 | 45·5 | 46·7 | 45·4 | 45·3 | 43·9 | 43·4 | 44·1 | 44·2 | 44·7 | 44·4 | 44·9 | 43·9 | 44·8 |
| 7 | 43·9 | 43·3 | 42·6 | 44·1 | 42·2 | 45·0 | 44·4 | 43·8 | 43·6 | 45·1 | 46·7 | 48·9 | 49·8 | 50·2 | 50·6 | 49·5 | 50·0 | 50·0 | 50·4 | 50·7 | 50·5 | 50·9 | 51·1 | 51·3 | 51·5 | 47·6 |
| 8 | 51·5 | 51·5 | 52·0 | 51·9 | 52·3 | 50·7 | 50·1 | 49·0 | 48·4 | 47·8 | 45·5 | 46·7 | 46·3 | 46·9 | 46·5 | 44·5 | 45·0 | 44·1 | 44·3 | 41·0 | 42·2 | 41·9 | 41·0 | 42·8 | 42·7 | 46·6 |
| 9 | 42·7 | 41·5 | 43·7 | 42·6 | 44·5 | 44·7 | 42·0 | 42·9 | 42·5 | 43·2 | 43·2 | 39·8 | 42·2 | 44·0 | 45·2 | 45·9 | 45·1 | 45·3 | 45·5 | 44·4 | 44·8 | 45·8 | 46·0 | 46·0 | 47·3 | 44·0 |
| 10 | 47·3 | 51·4 | 50·9 | 51·2 | 51·4 | 51·7 | 51·2 | 51·0 | 50·4 | 50·3 | 49·5 | 48·8 | 43·5 | 46·0 | 47·0 | 47·4 | 45·2 | 45·2 | 45·4 | 45·2 | 45·5 | 47·0 | 46·8 | 44·8 | 46·3 | 48·1 |
| 11 | 46·3 | 46·5 | 45·5 | 45·8 | 45·7 | 43·9 | 43·5 | 46·3 | 46·0 | 47·0 | 46·0 | 46·5 | 47·8 | 48·4 | 45·9 | 43·6 | 46·3 | 45·0 | 43·9 | 42·9 | 43·8 | 45·9 | 45·6 | 46·4 | 46·0 | 45·6 |
| 12 | 46·0 | 45·5 | 44·1 | 44·0 | 42·0 | 39·0 | 37·1 | 36·8 | 37·4 | 39·2 | 44·4 | 44·2 | 44·3 | 44·4 | 44·5 | 45·5 | 46·0 | 47·5 | 51·6 | 51·0 | 50·4 | 51·4 | 51·3 | 49·6 | 47·9 | 44·9 |
| 13 | 47·9 | 46·7 | 46·6 | 44·7 | 46·1 | 45·8 | 45·6 | 46·0 | 43·2 | 45·1 | 44·3 | 45·9 | 44·2 | 45·5 | 47·4 | 45·7 | 45·8 | 47·0 | 47·0 | 46·0 | 46·6 | 46·6 | 45·8 | 46·0 | 45·8 | 45·9 |
| 14 | 45·8 | 45·4 | 45·4 | 46·6 | 46·6 | 44·9 | 44·3 | 44·8 | 44·0 | 44·7 | 44·3 | 46·6 | 47·0 | 48·0 | 49·2 | 47·9 | 48·3 | 48·6 | 48·4 | 47·6 | 48·5 | 48·5 | 48·5 | 48·2 | 47·5 | 46·8 |
| 15 | 47·5 | 47·3 | 46·0 | 45·0 | 44·8 | 44·4 | 43·1 | 42·6 | 43·0 | 43·9 | 44·3 | 45·0 | 45·8 | 45·5 | 45·4 | 46·7 | 45·9 | 46·4 | 46·7 | 47·1 | 46·6 | 44·3 | 43·9 | 43·1 | 44·3 | 45·1 |
| 16 | 44·3 | 41·3 | 38·6 | 38·7 | 37·4 | 37·5 | 36·5 | 36·9 | 38·5 | 41·5 | 43·3 | 45·4 | 47·7 | 48·4 | 47·6 | 48·1 | 48·3 | 47·8 | 48·0 | 49·1 | 47·4 | 46·9 | 48·0 | 47·7 | 47·8 | 44·0 |
| 17 | 47·8 | 47·5 | 46·0 | 46·0 | 43·5 | 45·3 | 45·1 | 45·5 | 44·1 | 45·0 | 44·2 | 45·2 | 46·1 | 47·6 | 47·2 | 46·8 | 46·6 | 46·1 | 45·7 | 46·7 | 45·7 | 45·6 | 47·8 | 46·9 | 47·8 | 46·0 |
| 18 | 47·8 | 48·8 | 49·3 | 48·9 | 48·1 | 47·8 | 46·5 | 46·2 | 47·1 | 47·7 | 47·6 | 47·9 | 47·5 | 47·2 | 47·3 | 47·5 | 47·8 | 47·7 | 46·8 | 47·4 | 47·2 | 46·8 | 47·3 | 47·9 | 48·7 | 47·6 |
| 19 | 48·7 | 51·6 | 51·9 | 51·9 | 52·2 | 52·3 | 52·2 | 51·7 | 51·9 | 51·9 | 52·0 | 52·5 | 52·8 | 53·3 | 53·3 | 53·1 | 52·4 | 52·3 | 51·9 | 51·7 | 51·1 | 51·2 | 51·2 | 51·5 | 51·4 | 52·0 |
| 20 | 51·4 | 51·7 | 51·9 | 52·5 | 52·5 | 52·9 | 52·9 | 52·9 | 53·2 | 52·5 | 52·1 | 52·3 | 52·3 | 52·6 | 51·7 | 51·4 | 50·7 | 49·5 | 49·9 | 49·6 | 49·7 | 49·9 | 50·0 | 51·5 | 51·6 | 51·6 |
| 21 | 51·6 | 51·9 | 52·1 | 52·3 | 52·1 | 51·9 | 52·1 | 51·8 | 52·3 | 52·2 | 52·9 | 52·9 | 53·2 | 53·1 | 53·1 | 53·1 | 53·4 | 53·1 | 52·9 | 52·8 | 52·9 | 52·9 | 53·1 | 53·0 | 53·3 | 52·7 |
| 22 | 53·3 | 53·1 | 52·8 | 52·9 | 52·6 | 52·4 | 52·3 | 51·7 | 51·7 | 51·9 | 52·1 | 52·5 | 52·6 | 53·2 | 53·3 | 53·8 | 50·2 | 49·5 | 48·7 | 48*7 | 47·5 | 47·5 | 47·9 | 47·4 | 44·9 | 51·0 |
| 23 | 44·9 | 44·2 | 44·2 | 43·6 | 42·5 | 43·2 | 44·8 | 44·8 | 43·9 | 43·8 | 48·9 | 51·4 | 52·1 | 52·1 | 51·9 | 51·8 | 51·6 | 51·3 | 51·1 | 50·9 | 50·8 | 50·9 | 50·9 | 50·4 | 50·3 | 48·3 |
| 24 | 50·3 | 49·9 | 50·4 | 50·7 | 50·0 | 50·0 | 50·3 | 50·5 | 50·5 | 50·2 | 50·2 | 49·9 | 49·7 | 49·7 | 49·1 | 48·6 | 48·4 | 48·2 | 47·2 | 46·3 | 46·2 | 46·7 | 47·2 | 47·2 | 47·3 | 49·0 |
| 25 | 47·3 | 47·6 | 46·9 | 46·7 | 47·4 | 47·8 | 46·6 | 46·6 | 47·7 | 48·1 | 48·4 | 48·1 | 48·2 | 47·7 | 47·3 | 47·0 | 46·3 | 45·9 | 45·9 | 47·2 | 47·1 | 47·2 | 47·2 | 47·2 | 47·4 | 47·2 |
| 26 | 47·4 | 48·2 | 48·5 | 48·4 | 48·1 | 46·9 | 46·8 | 47·3 | 47·4 | 46·5 | 45·2 | 44·7 | 45·7 | 46·6 | 46·7 | 45·9 | 45·4 | 45·2 | 45·3 | 45·2 | 44·1 | 43·8 | 42·8 | 40·9 | 42·4 | 45·9 |
| 27 | 42·4 | 41·9 | 42·4 | 41·2 | 39·5 | 39·8 | 43·2 | 43·2 | 44·3 | 41·8 | 40·7 | 40·7 | 40·4 | 43·3 | 43·6 | 44·1 | 43·9 | 44·1 | 44·8 | 44·9 | 44·6 | 44·4 | 44·3 | 42·9 | 41·7 | 42·7 |
| 28 | 41·7 | 40·7 | 40·3 | 39·9 | 39·9 | 39·3 | 40·2 | 40·7 | 41·2 | 42·3 | 41·9 | 43·2 | 44·1 | 45·1 | 46·3 | 48·8 | 48·8 | 48·8 | 48·8 | 49·6 | 50·2 | 50·7 | 51·1 | 51·8 | 51·7 | 44·7 |
| 29 | 51·7 | 51·2 | 50·1 | 49·0 | 49·1 | 47·9 | 47·3 | 45·9 | 46·7 | 45·4 | 46·0 | 46·5 | 43·8 | 45·7 | 45·5 | 46·3 | 46·3 | 45·7 | 46·0 | 45·7 | 46·1 | 45·8 | 46·2 | 45·9 | 45·9 | 46·8 |
| 30 | 45·9 | 45·3 | 44·8 | 44·9 | 44·1 | 44·7 | 44·6 | 45·8 | 47·1 | 47·9 | 48·5 | 48·1 | 49·2 | 49·9 | 50·4 | 50·9 | 51·0 | 50·6 | 50·9 | 51·0 | 51·5 | 51·4 | 50·5 | 50·3 | 50·4 | 48·4 |
| 31 | 50·4 | 50·7 | 50·9 | 51·2 | 50·4 | 49·9 | 50·4 | 51·5 | 51·6 | 51·9 | 52·0 | 51·9 | 52·6 | 52·7 | 52·7 | 52·7 | 52·1 | 51·7 | 51·2 | 51·6 | 51·6 | 51·2 | 51·4 | 51·4 | 51·2 | 51·5 |
| Mean ... | 48·0 | 48·0 | 47·8 | 47·6 | 47·2 | 47·0 | 46·8 | 46·8 | 46·8 | 47·2 | 47·5 | 47·9 | 48·2 | 48·9 | 48·9 | 48·7 | 48·5 | 48·3 | 48·2 | 48·1 | 48·1 | 48·2 | 48·2 | 48·0 | 48·0 | 47·9 |
| Mean, 1871–1905. | 45·1 | 45·2 | 45·1 | 45·1 | 45·0 | 45·0 | 44·8 | 44·8 | 44·8 | 44·9 | 45·2 | 46·0 | 46·5 | 46·9 | 47·0 | 46·8 | 46·4 | 45·9 | 45·6 | 45·5 | 45·4 | 45·3 | 45·2 | 45·3 | 45·1 | 45·5 |

TABLE VII.

**VALENCIA.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). DECEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 1 | 87 | 87 | 88 | 84 | 85 | 86 | 85 | 85 | 85 | 84 | 83 | 82 | 80 | 80 | 82 | 83 | 84 | 84 | 85 | 88 | 88 | 88 | 87 | 86 | 86 | 84·9 |
| 2 | 86 | 87 | 84 | 91 | 93 | 87 | 87 | 85 | 85 | 83 | 84 | 83 | 82 | 82 | 81 | 81 | 81 | 82 | 84 | 84 | 84 | 83 | 80 | 80 | 81 | 84·0 |
| 3 | 81 | 80 | 82 | 81 | 79 | 80 | 82 | 79 | 78 | 77 | 81 | 83 | 84 | 88 | 89 | 87 | 88 | 88 | 92 | 91 | 96 | 98 | 99 | 99 | 94 | 86·2 |
| 4 | 94 | 96 | 95 | 91 | 93 | 89 | 91 | 96 | 95 | 93 | 96 | 93 | 89 | 88 | 87 | 89 | 89 | 91 | 93 | 94 | 95 | 96 | 96 | 97 | 98 | 92·8 |
| 5 | 98 | 95 | 96 | 96 | 96 | 96 | 96 | 96 | 93 | 96 | 96 | 94 | 95 | 96 | 95 | 94 | 86 | 80 | 80 | 77 | 81 | 81 | 85 | 81 | 82 | 90·5 |
| 6 | 82 | 79 | 84 | 85 | 89 | 90 | 92 | 92 | 92 | 92 | 92 | 93 | 90 | 86 | 81 | 82 | 82 | 82 | 77 | 82 | 77 | 84 | 78 | 76 | 79 | 83 | 84·8 |
| 7 | 83 | 83 | 87 | 82 | 90 | 79 | 85 | 85 | 89 | 89 | 88 | 89 | 85 | 91 | 93 | 94 | 93 | 94 | 96 | 94 | 95 | 95 | 96 | 95 | 95 | 89·9 |
| 8 | 95 | 94 | 94 | 97 | 97 | 96 | 95 | 85 | 82 | 74 | 81 | 74 | 71 | 71 | 70 | 75 | 77 | 76 | 80 | 92 | 90 | 93 | 93 | 86 | 83 | 84·6 |
| 9 | 83 | 88 | 81 | 79 | 74 | 80 | 84 | 87 | 86 | 86 | 83 | 95 | 90 | 84 | 86 | 81 | 83 | 82 | 82 | 91 | 94 | 95 | 97 | 98 | 98 | 86·5 |
| 10 | 98 | 97 | 94 | 86 | 87 | 81 | 86 | 88 | 81 | 83 | 76 | 74 | 88 | 83 | 75 | 70 | 81 | 76 | 72 | 77 | 75 | 73 | 76 | 79 | 72 | 81·0 |
| 11 | 72 | 73 | 77 | 77 | 78 | 80 | 84 | 74 | 78 | 66 | 76 | 69 | 72 | 77 | 79 | 87 | 77 | 80 | 80 | 83 | 76 | 63 | 67 | 63 | 66 | 75·2 |
| 12 | 66 | 69 | 69 | 71 | 83 | 87 | 89 | 91 | 91 | 87 | 78 | 85 | 89 | 92 | 94 | 95 | 98 | 99 | 99 | 90 | 98 | 96 | 95 | 96 | 86 | 88·6 |
| 13 | 86 | 85 | 83 | 89 | 84 | 85 | 80 | 79 | 85 | 83 | 88 | 86 | 87 | 86 | 79 | 85 | 87 | 85 | 82 | 86 | 85 | 86 | 92 | 87 | 84 | 85·0 |
| 14 | 84 | 92 | 84 | 88 | 90 | 94 | 95 | 94 | 94 | 92 | 94 | 95 | 93 | 90 | 87 | 92 | 84 | 86 | 83 | 93 | 83 | 81 | 82 | 79 | 86 | 88·8 |
| 15 | 86 | 89 | 92 | 90 | 94 | 96 | 94 | 94 | 94 | 87 | 86 | 82 | 80 | 81 | 82 | 81 | 84 | 83 | 81 | 79 | 82 | 89 | 91 | 95 | 93 | 87·3 |
| 16 | 93 | 98 | 97 | 96 | 96 | 98 | 96 | 98 | 97 | 98 | 97 | 94 | 87 | 87 | 97 | 99 | 100 | 97 | 98 | 95 | 97 | 97 | 94 | 89 | 89 | 95·5 |
| 17 | 89 | 87 | 93 | 85 | 90 | 92 | 90 | 89 | 89 | 85 | 84 | 88 | 86 | 83 | 88 | 85 | 83 | 84 | 85 | 82 | 86 | 86 | 79 | 81 | 79 | 86·0 |
| 18 | 79 | 79 | 71 | 72 | 71 | 73 | 73 | 76 | 66 | 65 | 63 | 66 | 75 | 78 | 76 | 80 | 80 | 81 | 86 | 84 | 93 | 98 | 100 | 99 | 100 | 78·9 |
| 19 | 100 | 99 | 100 | 100 | 100 | 100 | 99 | 100 | 100 | 100 | 99 | 99 | 99 | 99 | 100 | 98 | 100 | 99 | 99 | 100 | 99 | 99 | 99 | 98 | 99 | 99·3 |
| 20 | 99 | 99 | 98 | 99 | 99 | 97 | 98 | 98 | 98 | 98 | 96 | 97 | 96 | 98 | 96 | 98 | 98 | 97 | 94 | 96 | 97 | 96 | 95 | 98 | 98 | 97·3 |
| 21 | 98 | 98 | 98 | 99 | 99 | 100 | 98 | 100 | 100 | 93 | 99 | 100 | 99 | 99 | 98 | 97 | 96 | 97 | 98 | 96 | 98 | 98 | 97 | 99 | 98 | 98·3 |
| 22 | 98 | 98 | 99 | 98 | 98 | 97 | 97 | 99 | 99 | 98 | 97 | 98 | 98 | 98 | 98 | 100 | 99 | 95 | 98 | 96 | 99 | 92 | 94 | 92 | 93 | 97·3 |
| 23 | 93 | 94 | 97 | 94 | 96 | 92 | 88 | 86 | 91 | 92 | 92 | 91 | 93 | 93 | 96 | 99 | 98 | 97 | 94 | 92 | 91 | 87 | 85 | 85 | 83 | 92·1 |
| 24 | 85 | 88 | 89 | 88 | 92 | 92 | 90 | 90 | 89 | 92 | 91 | 93 | 93 | 91 | 92 | 93 | 91 | 92 | 93 | 91 | 91 | 88 | 84 | 82 | 79 | 88·6 |
| 25 | 75 | 71 | 78 | 76 | 75 | 75 | 73 | 73 | 80 | 82 | 81 | 79 | 77 | 79 | 81 | 80 | 82 | 84 | 84 | 83 | 83 | 80 | 79 | 82 | 85 | 79·0 |
| 26 | 85 | 86 | 83 | 84 | 87 | 96 | 96 | 96 | 96 | 94 | 91 | 86 | 70 | 66 | 69 | 69 | 72 | 73 | 66 | 67 | 68 | 71 | 76 | 87 | 78 | 80·5 |
| 27 | 78 | 83 | 74 | 85 | 86 | 90 | 71 | 74 | 71 | 86 | 95 | 86 | 87 | 68 | 67 | 68 | 64 | 68 | 62 | 70 | 67 | 71 | 68 | 80 | 88 | 76·0 |
| 28 | 88 | 91 | 93 | 94 | 94 | 94 | 95 | 93 | 93 | 97 | 95 | 98 | 98 | 100 | 99 | 98 | 99 | 98 | 99 | 99 | 99 | 99 | 98 | 99 | 99 | 96·5 |
| 29 | 99 | 98 | 96 | 95 | 91 | 90 | 90 | 89 | 83 | 82 | 69 | 69 | 77 | 74 | 75 | 75 | 69 | 70 | 72 | 78 | 73 | 75 | 75 | 77 | 77 | 80·4 |
| 30 | 77 | 81 | 79 | 84 | 86 | 89 | 91 | 86 | 87 | 88 | 88 | 98 | 95 | 93 | 90 | 91 | 92 | 97 | 98 | 99 | 99 | 99 | 96 | 96 | 99 | 91·3 |
| 31 | 99 | 98 | 97 | 97 | 96 | 98 | 99 | 100 | 100 | 97 | 96 | 97 | 95 | 93 | 94 | 94 | 92 | 97 | 96 | 96 | 96 | 98 | 99 | 97 | 95 | 96·6 |
| Mean ... | 87·5 | 88·5 | 88·2 | 88·2 | 89·3 | 89·6 | 89·3 | 88·9 | 88·6 | 87·9 | 87·7 | 87·5 | 87·1 | 86·2 | 86·4 | 87·0 | 86·7 | 86·8 | 86·9 | 87·8 | 88·2 | 87·9 | 88·0 | 88·2 | 87·8 | 87·9 |
| Mean, 1886–1905. | 87·8 | 87·9 | 87·2 | 87·6 | 87·8 | 87·1 | 87·7 | 87·8 | 87·7 | 87·6 | 87·5 | 86·1 | 85·8 | 85·2 | 85·0 | 85·3 | 86·3 | 86·8 | 86·9 | 87·0 | 87·5 | 87·8 | 87·7 | 87·8 | 87·6 | 87·0 |

[*Price Sixpence.*]

# ABERDEEN OBSERVATORY. DECEMBER, 1908.

Lat. 57° 10′ N. Long. 2° 6′ W. Barometer Cistern, 88 feet above Mean Sea Level.
Thermometers, 41 feet above Ground. Rain-gauge, 2 feet above Ground; 48 feet above Mean Sea Level.
Sunshine Recorder, 75 feet above Ground. Cups of Anemometer, 72 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1 + \ldots + 23 + \frac{1}{2}(0 + 24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

**ABERDEEN.** DAILY EXTREMES of PRESSURE and TEMPERATURE. DECEMBER, 1908.

| DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | | DAY. | PRESSURE. | | TEMPERATURE. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. |
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | **0·240** | 0·164 | 44·2 | 34·1 | 9 | 9·305 | 9·069 | 41·6 | 37·0 | 17 | 9·186 | 9·035 | 47·1 | 39·9 | 25 | 0·027 | 9·965 | 43·5 | 41·7 |
| 2 | 0·168 | 0·128 | 47·9 | 34·4 | 10 | 9·077 | 8·504 | 41·6 | 37·0 | 18 | 9·650 | 9·154 | 45·5 | 36·7 | 26 | 9·999 | 9·926 | 43·0 | 34·8 |
| 3 | 0·164 | 0·091 | 48·7 | 43·8 | 11 | 9·066 | **8·489** | 42·4 | 37·5 | 19 | 9·854 | 9·650 | 41·6 | 35·1 | 27 | 9·940 | 9·831 | 36·9 | 30·8 |
| 4 | 0·091 | 9·959 | 45·3 | 40·4 | 12 | 9·407 | 9·066 | 42·6 | 32·7 | 20 | 0·029 | 9·768 | **51·0** | 40·1 | 28 | 9·933 | 9·732 | 32·4 | **26·9** |
| 5 | 9·962 | 9·599 | 49·9 | 44·9 | 13 | 9·312 | 9·086 | 41·8 | 36·8 | 21 | 0·044 | 9·900 | 48·2 | 36·8 | 29 | 9·708 | 9·572 | 30·9 | 27·7 |
| 6 | 9·864 | 9·633 | 47·1 | 36·9 | 14 | 9·284 | 9·057 | 45·7 | 35·4 | 22 | 9·949 | 9·768 | 50·6 | 47·8 | 30 | 0·006 | 9·798 | 36·5 | 27·3 |
| 7 | 9·870 | 9·395 | 48·7 | 36·1 | 15 | 9·276 | 8·944 | 46·0 | 36·3 | 23 | 0·040 | 9·766 | 49·9 | 42·0 | 31 | 0·202 | 9·816 | 41·0 | 35·8 |
| 8 | 9·395 | 9·232 | 49·7 | 38·2 | 16 | 9·401 | 9·186 | 45·2 | 34·2 | 24 | 9·985 | 9·914 | 46·9 | 41·7 | | | | | |
| | | | | | | | | | | | | | | | Mean | — | — | 44·3 | 36·8 |

TABLE II.

**ABERDEEN.** PRESSURE IN ENGLISH INCHES, First figure omitted. DECEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·240 | 0·236 | 0·225 | 0·223 | 0·211 | 0·200 | 0·198 | 0·206 | 0·212 | 0·223 | 0·225 | 0·227 | 0·212 | 0·196 | 0·193 | 0·176 | 0·180 | 0·182 | 0·187 | 0·186 | 0·186 | 0·174 | 0·173 | 0·168 | 0·168 | 0·200 |
| 2 | 0·168 | 0·155 | 0·156 | 0·148 | 0·144 | 0·135 | 0·138 | 0·129 | 0·144 | 0·156 | 0·163 | 0·162 | 0·157 | 0·145 | 0·140 | 0·140 | 0·149 | 0·155 | 0·153 | 0·154 | 0·158 | 0·161 | 0·164 | 0·158 | 0·164 | 0·151 |
| 3 | 0·164 | 0·151 | 0·149 | 0·143 | 0·141 | 0·138 | 0·132 | 0·133 | 0·134 | 0·137 | 0·140 | 0·140 | 0·127 | 0·119 | 0·105 | 0·098 | 0·107 | 0·100 | 0·111 | 0·117 | 0·115 | 0·108 | 0·101 | 0·093 | 0·091 | 0·124 |
| 4 | 0·091 | 0·082 | 0·077 | 0·066 | 0·059 | 0·054 | 0·043 | 0·041 | 0·044 | 0·048 | 0·044 | 0·036 | 0·027 | 0·027 | 0·005 | 0·016 | 0·008 | 0·004 | 0·009 | 0·006 | 9·999 | 9·994 | 9·986 | 9·978 | 9·950 | 0·028 |
| 5 | 9·959 | 9·935 | 9·932 | 9·929 | 9·917 | 9·904 | 9·892 | 9·894 | 9·878 | 9·855 | 9·832 | 9·809 | 9·758 | 9·708 | 9·679 | 9·651 | 9·643 | 9·629 | 9·606 | 9·610 | 9·608 | 9·607 | 9·606 | 9·627 | 9·640 | 9·763 |
| 6 | 9·640 | 9·650 | 9·653 | 9·665 | 9·668 | 9·673 | 9·684 | 9·687 | 9·709 | 9·710 | 9·710 | 9·724 | 9·737 | 9·733 | 9·734 | 9·750 | 9·768 | 9·782 | 9·805 | 9·815 | 9·833 | 9·838 | 9·852 | 9·864 | 9·861 | 9·741 |
| 7 | 9·861 | 9·867 | 9·867 | 9·862 | 9·849 | 9·850 | 9·838 | 9·836 | 9·827 | 9·817 | 9·780 | 9·748 | 9·702 | 9·677 | 9·652 | 9·634 | 9·605 | 9·585 | 9·542 | 9·513 | 9·458 | 9·442 | 9·414 | 9·434 | 9·395 | 9·685 |
| 8 | 9·395 | 9·348 | 9·309 | 9·300 | 9·267 | 9·261 | 9·244 | 9·237 | 9·249 | 9·273 | 9·282 | 9·295 | 9·287 | 9·293 | 9·299 | 9·290 | 9·296 | 9·300 | 9·296 | 9·295 | 9·296 | 9·289 | 9·301 | 9·301 | 9·305 | 9·290 |
| 9 | 9·305 | 9·295 | 9·299 | 9·287 | 9·279 | 9·272 | 9·277 | 9·262 | 9·259 | 9·269 | 9·276 | 9·269 | 9·247 | 9·224 | 9·210 | 9·186 | 9·169 | 9·143 | 9·140 | 9·125 | 9·107 | 9·090 | 9·088 | 9·075 | 9·072 | 9·210 |
| 10 | 9·072 | 9·076 | 9·064 | 9·055 | 9·034 | 9·010 | 8·991 | 8·971 | 8·952 | 8·920 | 8·890 | 8·855 | 8·797 | 8·755 | 8·710 | 8·677 | 8·647 | 8·623 | 8·594 | 8·567 | 8·555 | 8·537 | 8·528 | 8·513 | 8·504 | 8·796 |
| 11 | 8·504 | 8·498 | 8·498 | 8·498 | 8·504 | 8·512 | 8·528 | 8·552 | 8·582 | 8·602 | 8·628 | 8·665 | 8·687 | 8·698 | 8·716 | 8·745 | 8·777 | 8·810 | 8·843 | 8·871 | 8·900 | 8·936 | 8·976 | 9·014 | 9·060 | 8·701 |
| 12 | 9·060 | 9·088 | 9·127 | 9·162 | 9·179 | 9·209 | 9·257 | 9·278 | 9·300 | 9·320 | 9·346 | 9·356 | 9·378 | 9·380 | 9·389 | 9·388 | 9·394 | 9·399 | 9·405 | 9·407 | 9·396 | 9·382 | 9·356 | 9·344 | 9·312 | 9·309 |
| 13 | 9·312 | 9·292 | 9·262 | 9·223 | 9·175 | 9·152 | 9·138 | 9·109 | 9·093 | 9·094 | 9·099 | 9·108 | 9·101 | 9·102 | 9·108 | 9·116 | 9·136 | 9·137 | 9·160 | 9·167 | 9·179 | 9·197 | 9·209 | 9·221 | 9·226 | 9·160 |
| 14 | 9·226 | 9·239 | 9·258 | 9·263 | 9·265 | 9·262 | 9·267 | 9·274 | 9·275 | 9·278 | 9·283 | 9·276 | 9·260 | 9·251 | 9·230 | 9·220 | 9·213 | 9·197 | 9·189 | 9·172 | 9·149 | 9·131 | 9·107 | 9·082 | 9·057 | 9·220 |
| 15 | 9·057 | 9·039 | 9·018 | 8·996 | 8·977 | 8·964 | 8·950 | 8·945 | 8·946 | 8·956 | 8·982 | 8·995 | 9·004 | 9·014 | 9·034 | 9·059 | 9·094 | 9·124 | 9·151 | 9·177 | 9·201 | 9·211 | 9·232 | 9·259 | 9·276 | 9·062 |
| 16 | 9·276 | 9·290 | 9·300 | 9·319 | 9·330 | 9·327 | 9·339 | 9·352 | 9·370 | 9·387 | 9·400 | 9·389 | 9·379 | 9·366 | 9·347 | 9·340 | 9·335 | 9·316 | 9·304 | 9·287 | 9·265 | 9·240 | 9·229 | 9·207 | 9·186 | 9·319 |
| 17 | 9·186 | 9·162 | 9·146 | 9·128 | 9·104 | 9·094 | 9·074 | 9·061 | 9·062 | 9·069 | 9·071 | 9·078 | 9·056 | 9·047 | 9·040 | 9·039 | 9·050 | 9·051 | 9·067 | 9·076 | 9·095 | 9·113 | 9·135 | 9·134 | 9·154 | 9·088 |
| 18 | 9·154 | 9·163 | 9·177 | 9·177 | 9·185 | 9·194 | 9·204 | 9·214 | 9·233 | 9·246 | 9·267 | 9·285 | 9·308 | 9·325 | 9·348 | 9·383 | 9·424 | 9·454 | 9·489 | 9·520 | 9·547 | 9·582 | 9·607 | 9·625 | 9·650 | 9·348 |
| 19 | 9·650 | 9·675 | 9·685 | 9·707 | 9·725 | 9·733 | 9·751 | 9·779 | 9·803 | 9·827 | 9·838 | 9·838 | 9·842 | 9·838 | 9·831 | 9·829 | 9·839 | 9·849 | 9·842 | 9·840 | 9·852 | 9·852 | 9·850 | 9·835 | 9·832 | 9·800 |
| 20 | 9·832 | 9·822 | 9·819 | 9·796 | 9·792 | 9·781 | 9·786 | 9·776 | 9·789 | 9·781 | 9·775 | 9·780 | 9·784 | 9·777 | 9·810 | 9·842 | 9·861 | 9·887 | 9·911 | 9·943 | 9·966 | 9·990 | 0·004 | 0·019 | 0·029 | 9·851 |
| 21 | 0·029 | 0·036 | 0·042 | 0·037 | 0·022 | 0·016 | 0·006 | 0·000 | 0·006 | 0·013 | 0·008 | 9·996 | 9·991 | 9·981 | 9·962 | 9·943 | 9·961 | 9·954 | 9·937 | 9·946 | 9·939 | 9·934 | 9·923 | 9·913 | 9·900 | 9·980 |
| 22 | 9·900 | 9·805 | 9·875 | 9·877 | 9·893 | 9·887 | 9·883 | 9·896 | 9·912 | 9·917 | 9·912 | 9·902 | 9·890 | 9·877 | 9·864 | 9·852 | 9·844 | 9·830 | 9·822 | 9·807 | 9·798 | 9·796 | 9·782 | 9·780 | 9·786 | 9·860 |
| 23 | 9·786 | 9·776 | 9·806 | 9·837 | 9·873 | 9·902 | 9·941 | 9·970 | 0·004 | 0·027 | 0·034 | 0·026 | 0·036 | 0·020 | 0·012 | 0·018 | 0·023 | 0·017 | 0·008 | 0·012 | 0·007 | 9·998 | 9·988 | 9·986 | 9·985 | 9·967 |
| 24 | 9·985 | 9·978 | 9·973 | 9·964 | 9·954 | 9·948 | 9·941 | 9·937 | 9·940 | 9·943 | 9·950 | 9·942 | 9·932 | 9·928 | 9·926 | 9·915 | 9·922 | 9·924 | 9·928 | 9·937 | 9·944 | 9·950 | 9·953 | 9·960 | 9·965 | 9·944 |
| 25 | 9·965 | 9·969 | 9·977 | 9·986 | 9·985 | 9·979 | 9·989 | 9·996 | 0·001 | 0·016 | 0·014 | 0·014 | 0·023 | 

ABERDEEN. TABLE III.—WIND.—Direction (D) in Numbers (8 = E. 16 = S. 24 = W. 32 = N.) and Velocity (V) in Miles per Hour, as recorded by the Robinson Anemometer. DECEMBER, 1908.

| Days. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 3 | 24 | 4 | 26 | 6 | 26 | 5 | — | 3 | — | 2 |
| 2 | 26 | 5 | 26 | 6 | 26 | 6 | 26 | 4 | 25 | 4 | 25 | 4 | 25 | 4 | — | 3 | 24 | 4 | — | 3 | — | 2 | — | 3 |
| 3 | 26 | 4 | 26 | 4 | 26 | 4 | — | 3 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 1 | — | 2 | — | 3 |
| 4 | 14 | 7 | 16 | 6 | 16 | 6 | 17 | 4 | 17 | 4 | 17 | 5 | 17 | 5 | 18 | 7 | 17 | 7 | 18 | 7 | 18 | 7 | 17 | 6 |
| 5 | 18 | 7 | 18 | 4 | 19 | 7 | 18 | 8 | 18 | 10 | 19 | 4 | 20 | 4 | 18 | 6 | 17 | 7 | 16 | 7 | 16 | 10 | 15 | 11 |
| 6 | 21 | 7 | 20 | 7 | 20 | 4 | 20 | 5 | 20 | 4 | 20 | 6 | 20 | 5 | — | 3 | 20 | 4 | 18 | 7 | 20 | 7 | 22 | 8 |
| 7 | 19 | 5 | 19 | 7 | 19 | 8 | 20 | 8 | 20 | 5 | 20 | 9 | 20 | 4 | 19 | 4 | 16 | 5 | 17 | 7 | 18 | 10 | 19 | 18 |
| 8 | 19 | 26 | 19 | 23 | 20 | 21 | 18 | 25 | 19 | 17 | 18 | 18 | 19 | 15 | 19 | 14 | 22 | 4 | — | 1 | — | 2 | 22 | 5 |
| 9 | 20 | 11 | 19 | 15 | 19 | 15 | 19 | 15 | 19 | 15 | 20 | 10 | 18 | 11 | 17 | 10 | 17 | 10 | 18 | 10 | 18 | 13 | 18 | 13 |
| 10 | 19 | 7 | 19 | 7 | 18 | 7 | 19 | 7 | 20 | 8 | 18 | 6 | 16 | 5 | 18 | 6 | 19 | 6 | — | 3 | — | 2 | — | 3 |
| 11 | 29 | 17 | 30 | 16 | 30 | 18 | 30 | 18 | 29 | 21 | 29 | 23 | 29 | 21 | 28 | 21 | 28 | 20 | 28 | 21 | 30 | 16 | 29 | 21 |
| 12 | 28 | 17 | 29 | 17 | 27 | 17 | 27 | 20 | 26 | 21 | 27 | 19 | 28 | 13 | 28 | 14 | 27 | 16 | 26 | 12 | 26 | 14 | 26 | 15 |
| 13 | 18 | 4 | 18 | 4 | 16 | 7 | 17 | 12 | 15 | 13 | 15 | 12 | 15 | 10 | 18 | 7 | 19 | 10 | 19 | 11 | 18 | 4 | 19 | 4 |
| 14 | 18 | 4 | — | 2 | 18 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | — | 3 | 18 | 4 | 18 | 6 | 16 | 7 | 16 | 6 |
| 15 | 13 | 10 | 15 | 9 | 15 | 7 | 17 | 4 | 15 | 4 | — | 2 | — | 1 | — | 2 | 28 | 4 | — | 2 | — | 1 | — | 3 |
| 16 | — | 3 | — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | — | 2 | — | 3 | — | 3 | — | 2 | 18 | 4 |
| 17 | 15 | 11 | 15 | 12 | 15 | 12 | 15 | 11 | 15 | 11 | 15 | 11 | 15 | 12 | 15 | 11 | 15 | 10 | 15 | 10 | 16 | 7 | 16 | 8 |
| 18 | 17 | 4 | 17 | 6 | 20 | 5 | 19 | 10 | 20 | 7 | 17 | 4 | 17 | 5 | 19 | 7 | 19 | 4 | 18 | 6 | 19 | 7 | 20 | 6 |
| 19 | 23 | 6 | 23 | 8 | 23 | 8 | 22 | 11 | 23 | 11 | 23 | 10 | 22 | 6 | — | 2 | 21 | 4 | 21 | 4 | — | 3 | — | 3 |
| 20 | 18 | 10 | 18 | 9 | 18 | 12 | 18 | 10 | 15 | 6 | 16 | 7 | 17 | 6 | 15 | 5 | 18 | 7 | 16 | 10 | 16 | 9 | 19 | 10 |
| 21 | 26 | 4 | — | 2 | — | 2 | 20 | 4 | 20 | 4 | 18 | 4 | 17 | 7 | 19 | 12 | 18 | 9 | 18 | 7 | 19 | 7 | 18 | 8 |
| 22 | 19 | 12 | 19 | 15 | 20 | 13 | 20 | 7 | 21 | 10 | 19 | 14 | 19 | 12 | 18 | 10 | 18 | 7 | 16 | 5 | 15 | 8 | 15 | 8 |
| 23 | 20 | 10 | 16 | 6 | 26 | 14 | 28 | 7 | 28 | 7 | 28 | 6 | 27 | 6 | 27 | 6 | 28 | 6 | 28 | 4 | — | 1 | — | 1 |
| 24 | 14 | 6 | 14 | 7 | 15 | 7 | 15 | 8 | 14 | 9 | 13 | 12 | 14 | 11 | 14 | 11 | 14 | 13 | 14 | 10 | 14 | 12 | 14 | 12 |
| 25 | 15 | 9 | 14 | 9 | 14 | 9 | 13 | 9 | 15 | 8 | 13 | 7 | 14 | 7 | 14 | 8 | 15 | 7 | 16 | 6 | 14 | 7 | 14 | 7 |
| 26 | 14 | 10 | 14 | 12 | 14 | 12 | 14 | 10 | 14 | 10 | 15 | 8 | 15 | 9 | 15 | 8 | 13 | 12 | 15 | 13 | 13 | 15 | 13 | 18 |
| 27 | 13 | 22 | 13 | 19 | 13 | 18 | 13 | 19 | 13 | 20 | 13 | 21 | 12 | 24 | 13 | 23 | 12 | 23 | 12 | 23 | 12 | 18 | 13 | 19 |
| 28 | 12 | 4 | 13 | 14 | 14 | 14 | 14 | 15 | 15 | 13 | 14 | 18 | 14 | 15 | 15 | 13 | 15 | 12 | 13 | 18 | 13 | 21 | 13 | 21 |
| 29 | 14 | 18 | 15 | 21 | 15 | 21 | 16 | 18 | 15 | 21 | 16 | 18 | 15 | 19 | 15 | 19 | 15 | 19 | 15 | 17 | 15 | 18 | 15 | 18 |
| 30 | 20 | 5 | 16 | 7 | 18 | 6 | 16 | 6 | 18 | 7 | 18 | 7 | 19 | 7 | 16 | 7 | 15 | 10 | 15 | 12 | 15 | 12 | 17 | 10 |
| 31 | 15 | 18 | 16 | 14 | 16 | 13 | 17 | 14 | 18 | 13 | 18 | 13 | 17 | 10 | 18 | 10 | 18 | 11 | 17 | 11 | 19 | 7 | 19 | 7 |
| Mean ... | — | 9 | — | 9 | — | 10 | — | 10 | — | 9 | — | 9 | — | 9 | — | 8 | — | 9 | — | 8 | — | 8 | — | 9 |
| Mean,* 1881–1905. | — | 9·8 | — | 9·8 | — | 9·8 | — | 9·7 | — | 9·8 | — | 9·8 | — | 9·8 | — | 10·1 | — | 10·1 | — | 10·1 | — | 10·2 | — | 10·6 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1897 omitted.

| Days. | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | — | 2 | — | 2 | — | 2 | 25 | 4 | 25 | 4 | 26 | 6 | 26 | 7 | 26 | 7 | 26 | 5 | 26 | 5 | 26 | 5 | 26 | 4 | 4 | 1 |
| 2 | — | 3 | 25 | 4 | 26 | 5 | 26 | 5 | 26 | 4 | — | 2 | 26 | 4 | 26 | 7 | — | 2 | — | 3 | 26 | 4 | — | 3 | 4 | 2 |
| 3 | — | 3 | — | 3 | — | 3 | 13 | 6 | 16 | 5 | 18 | 8 | 18 | 5 | 18 | 4 | 18 | 5 | 15 | 7 | 14 | 8 | 16 | 6 | 4 | 3 |
| 4 | 19 | 6 | 18 | 8 | 18 | 8 | 18 | 5 | — | 2 | — | 2 | — | 2 | — | 3 | 20 | 7 | 19 | 10 | 20 | 6 | 18 | 8 | 6 | 4 |
| 5 | 15 | 12 | 16 | 11 | 17 | 10 | 18 | 9 | 19 | 10 | 18 | 15 | 19 | 16 | 17 | 10 | 19 | 11 | 19 | 10 | — | 3 | 20 | 7 | 9 | 5 |
| 6 | 21 | 7 | 19 | 7 | 18 | 5 | 16 | 5 | 19 | 8 | 18 | 5 | 19 | 6 | 20 | 6 | — | 3 | 20 | 5 | 19 | 5 | 19 | 4 | 6 | 6 |
| 7 | 18 | 18 | 18 | 19 | 19 | 16 | 18 | 13 | 19 | 14 | 19 | 15 | 19 | 21 | 20 | 23 | 19 | 25 | 19 | 26 | 19 | 22 | 20 | 23 | 14 | 7 |
| 8 | 20 | 8 | 20 | 8 | 20 | 7 | 20 | 9 | 20 | 9 | 20 | 8 | 21 | 11 | 18 | 11 | 19 | 11 | 18 | 10 | 19 | 10 | 20 | 12 | 12 | 8 |
| 9 | 18 | 12 | 17 | 11 | 16 | 12 | 16 | 12 | 19 | 14 | 17 | 11 | 19 | 12 | 18 | 12 | 18 | 11 | 19 | 4 | 18 | 5 | 20 | 6 | 11 | 9 |
| 10 | 22 | 4 | 24 | 6 | 27 | 4 | 28 | 6 | 30 | 7 | 30 | 9 | 28 | 11 | 29 | 11 | 28 | 14 | 29 | 15 | 30 | 15 | 30 | 15 | 8 | 10 |
| 11 | 29 | 22 | 28 | 24 | 29 | 22 | 29 | 22 | 28 | 22 | 29 | 23 | 29 | 24 | 28 | 22 | 28 | 21 | 28 | 20 | 28 | 18 | 29 | 18 | 20 | 11 |
| 12 | 26 | 16 | 26 | 14 | 26 | 9 | — | 3 | — | 3 | — | 2 | 25 | 4 | — | 3 | — | 3 | 21 | 4 | 20 | 5 | 18 | 4 | 11 | 12 |
| 13 | 18 | 9 | 19 | 11 | 19 | 9 | 19 | 7 | 18 | 7 | 14 | 4 | 18 | 7 | 19 | 9 | 18 | 6 | 18 | 7 | 19 | 5 | 17 | 6 | 8 | 13 |
| 14 | 16 | 8 | 16 | 7 | 15 | 5 | 15 | 7 | 15 | 6 | 14 | 8 | 14 | 8 | 14 | 11 | 14 | 12 | 14 | 12 | 14 | 10 | 13 | 11 | 6 | 14 |
| 15 | 25 | 4 | — | 2 | — | 2 | 20 | 4 | 21 | 5 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | 19 | 5 | 4 | 15 |
| 16 | 18 | 5 | 16 | 6 | 15 | 5 | 16 | 4 | 17 | 4 | 16 | 5 | 15 | 5 | 15 | 6 | 15 | 7 | 15 | 9 | 14 | 10 | 15 | 11 | 5 | 16 |
| 17 | 16 | 8 | 16 | 8 | 16 | 8 | 17 | 6 | 17 | 5 | 15 | 4 | 17 | 4 | 17 | 5 | 21 | 4 | 21 | 6 | 19 | 7 | 16 | 4 | 8 | 17 |
| 18 | 22 | 7 | 24 | 7 | 24 | 7 | 22 | 5 | 22 | 4 | 23 | 5 | 25 | 7 | 24 | 9 | 22 | 7 | 22 | 7 | 24 | 5 | 22 | 6 | 6 | 18 |
| 19 | — | 2 | — | 3 | — | 3 | 18 | 5 | 17 | 4 | 18 | 6 | 18 | 8 | 18 | 8 | 18 | 8 | 18 | 9 | 17 | 9 | 17 | 8 | 6 | 19 |
| 20 | 19 | 15 | 20 | 10 | 20 | 7 | 19 | 4 | 19 | 7 | 21 | 7 | 24 | 6 | — | 2 | 23 | 5 | 26 | 5 | — | 3 | — | 3 | 7 | 20 |
| 21 | 17 | 8 | 16 | 7 | 19 | 17 | 18 | 10 | 14 | 4 | 14 | 7 | 15 | 7 | 10 | 4 | — | 3 | 16 | 5 | 16 | 4 | 17 | 7 | 6 | 21 |
| 22 | 17 | 6 | 17 | 7 | 16 | 7 | 16 | 8 | 15 | 8 | 17 | 9 | 16 | 13 | 15 | 13 | 15 | 10 | 16 | 11 | 18 | 11 | 15 | 10 | 10 | 22 |
| 23 | — | 3 | — | 3 | 10 | 7 | 13 | 7 | 12 | 7 | 12 | 8 | 12 | 7 | 13 | 7 | 13 | 7 | 13 | 7 | 14 | 4 | 14 | 5 | 6 | 23 |
| 24 | 12 | 14 | 11 | 15 | 10 | 15 | 10 | 15 | 10 | 14 | 12 | 14 | 12 | 14 | 12 | 14 | 14 | 10 | 13 | 9 | 13 | 11 | 14 | 8 | 10 | 24 |
| 25 | 16 | 6 | 15 | 6 | 15 | 7 | 16 | 7 | 15 | 6 | 14 | 7 | 13 | 8 | 15 | 7 | 14 | 11 | 15 | 10 | 15 | 9 | 14 | 12 | 8 | 25 |
| 26 | 13 | 15 | 13 | 16 | 13 | 24 | 13 | 25 | 13 | 25 | 13 | 26 | 13 | 28 | 13 | 24 | 13 | 24 | 13 | 26 | 13 | 23 | 13 | 21 | 17 | 26 |
| 27 | 12 | 19 | 12 | 18 | 11 | 23 | 13 | 15 | 12 | 18 | 12 | 18 | 12 | 18 | 12 | 14 | 13 | 9 | 12 | 10 | 13 | 15 | 20 | 4 | 18 | 27 |
| 28 | 13 | 21 | 14 | 20 | 13 | 21 | 13 | 20 | 13 | 20 | 13 | 21 | 13 | 22 | 13 | 22 | 13 | 23 | 14 | 23 | 14 | 22 | 15 | 18 | 18 | 28 |
| 29 | 16 | 16 | 15 | 14 | 15 | 8 | 16 | 7 | 15 | 10 | 14 | 10 | 19 | 5 | 19 | 4 | — | 3 | 20 | 4 | 19 | 6 | 20 | 6 | 13 | 29 |
| 30 | 15 | 15 | 15 | 14 | 15 | 15 | 15 | 18 | 15 | 16 | 15 | 20 | 14 | 18 | 14 | 21 | 15 | 21 | 15 | 23 | 15 | 21 | 15 | 17 | 13 | 30 |
| 31 | 19 | 5 | 19 | 5 | 18 | 6 | 18 | 4 | 19 | 4 | — | 3 | 19 | 6 | 19 | 4 | 19 | 7 | 20 | 8 | 21 | 11 | 21 | 6 | 9 | 31 |
| | — | 10 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 10 | — | 10 | — | 10 | — | 10 | — | 10 | — | 9 | 9 | |
| | — | 10·3 | — | 10·0 | — | 9·8 | — | 9·7 | — | 9·8 | — | 9·5 | — | 9·6 | — | 9·7 | — | 9·8 | — | 9·8 | — | 9·6 | — | 9·8 | 9·8 | Mean, 1881–1905. |

ABERDEEN. TABLE IV.—Rainfall in English Inches. DECEMBER, 1908.

| Days. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | — | ·01 | — | — | — | — | — | — | — | — | ·03 |
| 5 | — | — | — | — | — | — | ·01 | — | — | ·03 | ·02 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | ·09 |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·08 |
| 8 | — | — | — | — | — | — | — | ·06 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | ·04 | — | — | — | ·02 | ·01 | ·02 | ·02 | — | ·12 |
| 11 | — | — | — | — | ·01 | ·01 | ·02 | ·01 | ·01 | ·14 | ·26 | ·15 | ·10 | — | — | — | — | ·04 | — | — | — | — | — | — | 1·09 |
| 12 | — | — | — | — | ·01 | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·08 |
| 13 | — | — | — | — | — | ·04 | ·02 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·09 |
| 14 | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 15 | — | ·01 | ·04 | ·14 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·21 |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | ·02 | ·01 | — | — | — | — | — | ·05 |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | ·01 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | ·06 | — | — | — | — | — | ·02 | ·01 | — | ·01 | ·01 | — | ·01 | ·01 | ·01 | ·14 |
| 27 | — | ·01 | ·02 | ·02 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·11 |
| 28 | 1·25 ins. between 1h. and 6h. | | | | | | | | | | | | | | | | | | | | | | | | 1·25† |
| 29 | 0·70 in. between 1h. and 8h. | | | | | | | | | | | | 0·64 in. between 10h. and 18h. | | | | | | ‡ | ‡ | ‡ | — | — | — | 1·39† |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·06 | ·04 | ·01 | ·01 | ·13 |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sum ... | — | ·02 | ·06 | ·16 | ·02 | ·06 | ·08 | ·10 | ·03 | ·23 | ·30 | ·18 | ·10 | ·02 | — | ·09 | ·03 | ·06 | ·01 | ·04 | ·07 | ·07 | ·04 | ·02 | 4·88 |
| Average 1871–1905. | ·129 | ·139 | ·147 | ·153 | ·153 | ·141 | ·152 | ·132 | ·126 | ·141 | ·108 | ·116 | ·121 | ·110 | ·110 | ·125 | ·128 | ·118 | ·110 | ·120 | ·135 | ·115 | ·112 | ·119 | 3·061 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.

† Amounts entered in the hourly columns with a dash at the sides, but owing to the high wind they are only approximately correct.

ABERDEEN. TABLE V.—Duration of Bright Sunshine in Hours. DECEMBER, 1908.

| Days. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | ·2 | ·6 | ·1 | — | — | — | — | — | — | — | 0·9 | Cloudy and hazy all day ; ≋ at night ; ☋. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ∞ and dull. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Misty day ; dull night. [16h.–18h. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull to cloudy, with ≋, ●; clearing |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day, with ● A.M. ; rather squally |
| 6 | — | — | — | — | — | — | ·8 | ·7 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | — | 4·5 | Bright and fine ; ☋ at 20h. [evening. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day ; squally evening. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Squally early, then dull with ● to cloudy ; |
| 9 | — | — | — | — | — | — | ·5 | 1·0 | 1·0 | ·9 | ·3 | — | — | — | — | — | — | 3·7 | Bright to cloudy. [clear after 21h. |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull generally, ● ; ☋ at 7h. |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Wet day ; ●² and 🌧. |
| 12 | — | — | — | — | — | — | — | — | — | ·8 | 1·0 | ·4 | — | — | — | — | — | 2·2 | Squally, ●ᵍ, early, then cloudy to clear ; |
| 13 | — | — | — | — | — | — | — | — | — | 1·0 | ·6 | ·7 | — | — | — | — | — | 2·3 | ● early, then cloudy to clear. [♕ at 18h. |
| 14 | — | — | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | — | 0·2 | Clear, with ⌣ early, cloudy later. |
| 15 | — | — | — | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | 0·2 | ●² early, then dull with ≋ᵍ to clear. |
| 16 | — | — | — | — | — | — | ·4 | — | ·1 | ·9 | ·2 | — | — | — | — | — | — | 1·6 | ⌣ ; A.M. ∞ ; P.M. ≋ᵍ. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, to clear in evening. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy, to very clear at night. |
| 19 | — | — | — | — | — | — | — | — | — | ·2 | ·7 | ·1 | — | — | — | — | — | 1·0 | A.M. ∞ ; P.M. overcast, ●ᵍ. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull at first, clearing after 13h. |
| 21 | — | — | — | — | — | — | — | — | — | ·1 | ·9 | — | — | — | — | — | — | 1·0 | Bright early ; becoming cloudy to dull later. |
| 22 | — | — | — | — | — | — | ·2 | ·1 | — | — | — | — | — | — | — | — | — | 0·3 | Dull all day. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bright to dull ; ●ᵍ at 18h. |
| 24 | — | — | — | — | — | — | ·5 | ·3 | — | ·1 | — | — | — | — | — | — | — | 0·9 | Overcast all day ; rather dry atmosphere. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, but air very dry. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Cloudy to dull, with ☻, ✳ᵍ, and 🌧 P.M. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Very squally, with ● and sleet early. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Squally day ; ✳² till 6h. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Blizzard early ; squally all day ; ✳², ✢². |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fair to dull and squally, with sleet and ●. |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ⊠, cloudy generally ; ⊕, ☋. |
| | — | — | — | — | — | — | — | 2·4 | 2·3 | 3·8 | 4·8 | 5·0 | 0·5 | — | — | — | — | 18·8 | Total. |
| | — | — | — | — | — | — | 0·26 | 4·21 | 7·34 | 8·33 | 7·63 | 5·29 | 0·87 | 0·01 | — | — | — | 33·95 | Mean Total, 1881–1905. |

## TABLE VI.

**ABERDEEN.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. DECEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 37·2 | 36·4 | 36·0 | 34·9 | 35·0 | 35·7 | 36·4 | 36·1 | 36·8 | 36·8 | 38·0 | 40·5 | 42·2 | 43·8 | 42·8 | 43·0 | 41·7 | 38·7 | 37·6 | 37·2 | 36·3 | 34·2 | 34·6 | 34·9 | 35·5 | 37·7 |
| 2 | 35·5 | 36·7 | 36·4 | 36·7 | 36·7 | 38·2 | 38·6 | 40·6 | 42·1 | 42·9 | 44·3 | 45·8 | 46·3 | 47·3 | 47·2 | 47·5 | 47·2 | 47·4 | 47·3 | 47·2 | 46·6 | 46·7 | 46·8 | 45·8 | 45·8 | 43·5 |
| 3 | 45·8 | 44·6 | 44·8 | 45·2 | 45·0 | 44·6 | 44·8 | 44·6 | 44·7 | 44·3 | 45·9 | 46·3 | 48·5 | 48·5 | 48·6 | 48·2 | 47·4 | 47·0 | 45·8 | 45·6 | 46·3 | 46·2 | 46·6 | 46·0 | 45·4 | 46·0 |
| 4 | 45·4 | 44·8 | 45·3 | 45·2 | 47·1 | 47·1 | 47·1 | 47·6 | 42·0 | 42·3 | 42·5 | 42·3 | 42·9 | 44·0 | 43·9 | 43·6 | 43·8 | 43·6 | 42·8 | 42·3 | 41·4 | 43·4 | 44·0 | 44·6 | 45·2 | 43·1 |
| 5 | 45·2 | 45·0 | 45·1 | 46·1 | 46·6 | 46·6 | 45·9 | 45·7 | 45·4 | 46·2 | 46·7 | 47·3 | 47·5 | 47·8 | 48·4 | 49·0 | 49·1 | 49·6 | 49·7 | 49·8 | 49·4 | 49·7 | 49·6 | 48·5 | 47·1 | 47·5 |
| 6 | 47·1 | 46·2 | 45·8 | 44·4 | 42·8 | 41·4 | 40·6 | 40·0 | 40·5 | 40·2 | 41·0 | 41·0 | 43·6 | 43·6 | 44·1 | 42·4 | 40·4 | 40·2 | 39·6 | 39·0 | 39·2 | 37·4 | 37·6 | 38·8 | 36·9 | 41·4 |
| 7 | 36·0 | 36·7 | 36·4 | 37·7 | 37·7 | 37·0 | 37·0 | 37·4 | 37·7 | 37·4 | 38·3 | 38·2 | 39·4 | 40·5 | 40·8 | 42·2 | 42·1 | 42·0 | 42·0 | 44·7 | 45·7 | 46·9 | 47·1 | 47·4 | 48·1 | 48·7 | 41·1 |
| 8 | 48·7 | 48·6 | 48·7 | 48·8 | 48·8 | 48·8 | 48·8 | 48·8 | 49·2 | 49·6 | 46·9 | 46·4 | 46·7 | 47·0 | 47·4 | 46·5 | 45·1 | 44·2 | 43·3 | 42·3 | 41·0 | 41·0 | 40·0 | 39·3 | 38·6 | 39·0 | 45·5 |
| 9 | 39·0 | 37·5 | 38·8 | 38·8 | 38·7 | 37·0 | 37·6 | 38·2 | 38·3 | 38·4 | 37·7 | 38·3 | 39·0 | 40·0 | 40·6 | 41·4 | 41·4 | 41·0 | 41·0 | 39·8 | 40·8 | 40·8 | 40·8 | 39·6 | 39·1 | 39·0 | 39·4 |
| 10 | 39·0 | 39·0 | 38·0 | 38·2 | 37·6 | 37·9 | 37·1 | 37·2 | 37·9 | 37·8 | 38·8 | 39·7 | 40·0 | 39·2 | 39·0 | 39·1 | 38·8 | 38·9 | 39·4 | 38·7 | 40·2 | 40·1 | 40·7 | 41·1 | 41·6 | 38·9 |
| 11 | 41·6 | 41·6 | 41·6 | 41·8 | 42·0 | 41·8 | 41·3 | 41·4 | 41·2 | 41·2 | 40·9 | 40·3 | 38·5 | 38·0 | 38·1 | 38·9 | 39·2 | 39·9 | 39·5 | 39·8 | 41·2 | 41·6 | 41·2 | 41·6 | 42·2 | 40·6 |
| 12 | 42·2 | 41·7 | 41·2 | 39·8 | 38·8 | 38·8 | 38·4 | 38·8 | 39·8 | 39·8 | 40·3 | 40·8 | 41·0 | 42·0 | 41·8 | 40·2 | 38·4 | 36·1 | 35·4 | 34·4 | 33·4 | 33·9 | 35·5 | 36·4 | 37·2 | 38·6 |
| 13 | 37·7 | 37·0 | 37·6 | 37·8 | 40·0 | 40·7 | 39·8 | 40·9 | 39·1 | 39·7 | 39·2 | 39·1 | 40·9 | 41·5 | 39·0 | 40·2 | 40·0 | 40·3 | 39·6 | 39·8 | 38·5 | 38·5 | 38·5 | 38·0 | 37·7 | 39·3 |
| 14 | 37·7 | 37·7 | 37·0 | 35·6 | 37·3 | 36·8 | 36·3 | 38·8 | 38·2 | 39·4 | 40·2 | 42·2 | 43·2 | 42·5 | 43·3 | 43·7 | 43·1 | 43·2 | 44·2 | 44·4 | 45·0 | 45·3 | 45·2 | 45·0 | 45·7 | 41·2 |
| 15 | 45·7 | 45·6 | 44·8 | 45·0 | 44·4 | 43·8 | 44·2 | 43·4 | 43·3 | 43·0 | 42·1 | 41·5 | 41·8 | 41·1 | 41·0 | 42·7 | 39·4 | 39·7 | 38·2 | 38·1 | 37·4 | 36·9 | 37·0 | 36·6 | 36·7 | 41·2 |
| 16 | 36·7 | 38·7 | 35·4 | 36·1 | 36·8 | 36·2 | 36·4 | 34·8 | 36·7 | 34·4 | 35·9 | 36·7 | 36·5 | 39·2 | 39·6 | 38·6 | 38·8 | 39·4 | 40·8 | 41·0 | 41·3 | 43·2 | 44·6 | 45·1 | 45·2 | 38·6 |
| 17 | 45·2 | 45·3 | 45·3 | 45·7 | 45·6 | 45·9 | 46·1 | 46·7 | 46·9 | 46·8 | 46·9 | 46·9 | 47·1 | 47·0 | 47·0 | 46·7 | 45·7 | 45·1 | 43·9 | 42·6 | 42·2 | 41·9 | 40·9 | 40·9 | 40·0 | 45·1 |
| 18 | 40·0 | 39·2 | 38·6 | 39·7 | 44·0 | 40·9 | 39·0 | 38·8 | 38·0 | 37·7 | 37·9 | 38·6 | 40·4 | 40·8 | 43·9 | 45·2 | 44·4 | 44·2 | 41·0 | 41·3 | 39·8 | 39·8 | 38·6 | 37·2 | 37·6 | 37·0 | 39·9 |
| 19 | 37·0 | 37·2 | 37·8 | 38·2 | 37·8 | 37·7 | 39·6 | 37·8 | 35·8 | 35·5 | 36·4 | 37·6 | 38·0 | 38·0 | 37·0 | 37·0 | 38·0 | 37·4 | 38·0 | 38·8 | 39·4 | 40·0 | 41·0 | 41·6 | 40·4 | 38·2 |
| 20 | 40·4 | 40·2 | 41·6 | 42·4 | 42·4 | 42·0 | 43·0 | 43·9 | 43·8 | 45·1 | 46·4 | 47·5 | 47·7 | 49·2 | 50·2 | 50·0 | 49·7 | 47·3 | 46·1 | 46·5 | 47·0 | 44·8 | 44·6 | 42·9 | 41·9 | 42·0 | 45·2 |
| 21 | 42·0 | 39·8 | 39·6 | 38·5 | 38·0 | 37·7 | 37·6 | 38·2 | 41·8 | 42·1 | 42·0 | 43·6 | 45·3 | 45·1 | 44·8 | 45·8 | 46·2 | 45·5 | 45·9 | 45·6 | 46·0 | 46·6 | 47·2 | 47·7 | 48·2 | 43·2 |
| 22 | 48·2 | 50·3 | 50·5 | 50·5 | 50·2 | 50·4 | 49·7 | 49·4 | 49·4 | 49·3 | 49·1 | 48·4 | 48·6 | 49·0 | 48·8 | 49·6 | 49·3 | 48·8 | 49·0 | 48·8 | 48·6 | 48·8 | 48·1 | 48·2 | 48·4 | 49·2 |
| 23 | 48·4 | 49·8 | 49·1 | 46·9 | 45·2 | 44·3 | 43·4 | 42·7 | 42·2 | 42·1 | 42·2 | 43·7 | 44·9 | 45·2 | 45·5 | 45·0 | 45·9 | 45·8 | 45·5 | 46·2 | 46·7 | 46·9 | 46·9 | 47·0 | 47·0 | 45·4 |
| 24 | 47·0 | 46·8 | 46·7 | 46·6 | 46·5 | 46·2 | 45·8 | 45·1 | 44·8 | 44·2 | 43·4 | 43·3 | 43·3 | 43·0 | 42·0 | 41·8 | 42·2 | 43·0 | 43·4 | 43·0 | 42·5 | 42·9 | 42·6 | 42·4 | 42·2 | 44·0 |
| 25 | 42·2 | 42·2 | 42·3 | 41·9 | 41·9 | 41·9 | 41·8 | 41·9 | 42·0 | 42·4 | 42·7 | 42·8 | 43·2 | 43·2 | 43·2 | 43·4 | 43·4 | 43·4 | 43·4 | 43·4 | 43·0 | 43·2 | 42·9 | 42·8 | 42·7 | 42·7 |
| 26 | 42·7 | 42·7 | 42·8 | 42·7 | 42·7 | 42·9 | 42·7 | 42·4 | 42·3 | 42·3 | 41·7 | 42·3 | 42·2 | 42·0 | 42·0 | 40·8 | 39·8 | 39·5 | 38·6 | 37·2 | 37·7 | 38·2 | 37·6 | 36·2 | 35·6 | 40·8 |
| 27 | 35·6 | 36·6 | 34·6 | 34·8 | 36·0 | 33·8 | 33·6 | 33·8 | 34·7 | 33·4 | 34·2 | 33·8 | 32·8 | 34·0 | 31·8 | 32·8 | 33·8 | 32·8 | 33·6 | 31·8 | 32·9 | 33·3 | 33·6 | 32·6 | 30·9 | 33·7 |
| 28 | 30·9 | 28·7 | 28·8 | 27·7 | 27·6 | 27·5 | 27·7 | 27·2 | 27·6 | 27·7 | 29·9 | 30·8 | 31·2 | 31·4 | 31·1 | 32·0 | 32·0 | 32·2 | 32·2 | 31·9 | 28·3 | 31·8 | 31·9 | 31·6 | 29·0 | 30·0 |
| 29 | 29·0 | 29·8 | 29·8 | 29·0 | 29·0 | 29·4 | 29·4 | 29·4 | 29·5 | 30·3 | 29·9 | 29·9 | 30·2 | 30·2 | 30·3 | 30·0 | 30·0 | 29·7 | 30·3 | 30·4 | 29·2 | 28·0 | 28·0 | 27·7 | 28·0 | 27·7 | 29·4 |
| 30 | 27·7 | 27·8 | 29·4 | 29·7 | 31·2 | 30·8 | 31·6 | 30·7 | 30·6 | 32·4 | 32·9 | 34·4 | 34·8 | 34·8 | 35·4 | 35·4 | 35·4 | 36·0 | 36·0 | 36·4 | 35·9 | 34·7 | 34·8 | 35·3 | 35·8 | 33·3 |
| 31 | 35·8 | 36·6 | 36·7 | 36·7 | 37·1 | 38·0 | 39·3 | 39·4 | 40·1 | 41·0 | 40·9 | 40·2 | 39·6 | 40·1 | 39·8 | 39·6 | 39·7 | 38·9 | 38·9 | 38·9 | 37·8 | 37·7 | 38·8 | 39·8 | 39·1 | 38·9 |
| **Mean ...** | 40·4 | 40·3 | 40·2 | 40·0 | 39·9 | 39·9 | 39·9 | 39·9 | 40·1 | 40·1 | 40·6 | 41·1 | 41·7 | 42·1 | 42·1 | 41·9 | 41·5 | 41·2 | 41·1 | 40·8 | 40·6 | 40·7 | 40·7 | 40·7 | 40·5 | 40·7 |
| **Mean, 1871–1905.** | 38·1 | 38·1 | 38·0 | 38·0 | 37·9 | 38·0 | 37·9 | 38·0 | 37·9 | 38·1 | 38·5 | 39·1 | 39·6 | 40·0 | 40·0 | 39·6 | 39·1 | 38·8 | 38·6 | 38·6 | 38·4 | 38·4 | 38·3 | 38·2 | 38·1 | 38·5 |

## TABLE VII.

**ABERDEEN.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). DECEMBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 89 | 92 | 93 | 91 | 90 | 90 | 93 | 94 | 90 | 90 | 88 | 86 | 87 | 83 | 84 | 84 | 86 | 91 | 90 | 91 | 89 | 91 | 87 | 88 | 86 | 89·0 |
| 2 | 86 | 89 | 88 | 87 | 90 | 92 | 91 | 90 | 88 | 88 | 87 | 88 | 87 | 88 | 89 | 91 | 90 | 89 | 90 | 90 | 89 | 91 | 91 | 91 | 92 | 89·2 |
| 3 | 92 | 93 | 93 | 93 | 93 | 94 | 94 | 94 | 93 | 95 | 94 | 95 | 92 | 93 | 90 | 91 | 92 | 92 | 93 | 93 | 91 | 91 | 89 | 87 | 92 | 92·5 |
| 4 | 87 | 85 | 87 | 84 | 86 | 87 | 87 | 88 | 89 | 90 | 92 | 90 | 87 | 88 | 91 | 91 | 91 | 91 | 92 | 92 | 91 | 89 | 90 | 94 | 95 | 89·3 |
| 5 | 95 | 94 | 92 | 89 | 88 | 88 | 92 | 90 | 90 | 91 | 94 | 95 | 95 | 96 | 94 | 92 | 91 | 88 | 87 | 85 | 88 | 88 | 87 | 88 | 82 | 90·5 |
| 6 | 82 | 82 | 80 | 78 | 80 | 82 | 82 | 81 | 79 | 81 | 78 | 81 | 71 | 71 | 66 | 76 | 79 | 72 | 76 | 77 | 78 | 82 | 80 | 77 | 82 | 78·0 |
| 7 | 82 | 82 | 79 | 74 | 75 | 76 | 76 | 76 | 79 | 79 | 80 | 80 | 79 | 78 | 75 | 80 | 82 | 84 | 80 | 82 | 80 | 82 | 83 | 81 | 81 | 79·3 |
| 8 | 81 | 85 | 83 | 81 | 84 | 86 | 87 | 88 | 87 | 91 | 94 | 92 | 86 | 78 | 74 | 80 | 83 | 82 | 78 | 75 | 71 | 71 | 72 | 75 | 71 | 81·5 |
| 9 | 71 | 80 | 75 | 76 | 80 | 79 | 79 | 80 | 81 | 82 | 82 | 81 | 75 | 74 | 75 | 76 | 76 | 76 | 83 | 80 | 81 | 81 | 83 | 82 | 82 | 78·9 |
| 10 | 82 | 80 | 81 | 80 | 83 | 82 | 88 | 88 | 90 | 90 | 89 | 88 | 90 | 92 | 91 | 89 | 92 | 93 | 91 | 92 | 90 | 91 | 89 | 89 | 86 | 88·6 |
| 11 | 86 | 86 | 86 | 88 | 84 | 87 | 87 | 85 | 86 | 86 | 85 | 95 | 92 | 95 | 90 | 94 | 89 | 92 | 93 | 90 | 85 | 86 | 89 | 91 | 84 | 88·6 |
| 12 | 84 | 87 | 89 | 92 | 93 | 92 | 89 | 90 | 87 | 84 | 82 | 80 | 79 | 77 | 77 | 77 | 82 | 86 | 86 | 86 | 89 | 89 | 86 | 79 | 80 | 85·0 |
| 13 | 80 | 86 | 80 | 83 | 78 | 78 | 87 | 90 | 89 | 89 | 88 | 88 | 83 | 80 | 87 | 84 | 85 | 85 | 87 | 88 | 90 | 90 | 89 | 89 | 88 | 85·7 |
| 14 | 88 | 90 | 82 | 93 | 89 | 93 | 93 | 94 | 94 | 92 | 90 | 90 | 87 | 87 | 90 | 86 | 86 | 89 | 89 | 88 | 87 | 85 | 87 | 87 | 87 | 89·4 |
| 15 | 87 | 90 | 86 | 92 | 94 | 94 | 92 | 94 | 93 | 95 | 95 | 95 | 94 | 92 | 91 | 91 | 90 | 84 | 88 | 88 | 88 | 86 | 86 | 86 | 85 | 90·4 |
| 16 | 85 | 81 | 87 | 86 | 87 | 87 | 86 | 92 | 85 | 89 | 89 | 86 | 87 | 85 | 84 | 91 | 94 | 95 | 92 | 94 | 94 | 93 | 92 | 93 | 92 | 89·1 |
| 17 | 92 | 92 | 91 | 93 | 92 | 93 | 91 | 90 | 90 | 91 | 90 | 91 | 89 | 90 | 92 | 92 | 94 | 92 | 91 | 89 | 90 | 86 | 85 | 87 | 89 | 90·5 |
| 18 | 89 | 90 | 91 | 89 | 85 | 87 | 90 | 89 | 90 | 91 | 89 | 87 | 88 | 77 | 75 | 70 | 78 | 79 | 75 | 82 | 77 | 79 | 81 | 76 | 74 | 83·1 |
| 19 | 74 | 75 | 72 | 71 | 72 | 73 | 67 | 73 | 79 | 75 | 75 | 77 | 80 | 82 | 78 | 80 | 81 | 91 | 93 | 94 | 88 | 88 | 87 | 91 | 86 | 91·8 |
| 20 | 95 | 95 | 94 | 91 | 94 | 96 | 97 | 98 | 97 | 96 | 95 | 95 | 92 | 90 | 87 | 89 | 93 | 91 | 83 | 85 | 88 | 88 | 87 | 91 | 88 | 89·9 |
| 21 | 86 | 91 | 89 | 92 | 90 | 91 | 92 | 94 | 90 | 90 | 91 | 88 | 83 | 87 | 88 | 86 | 90 | 90 | 91 | 91 | 91 | 92 | 94 | 95 | 95 | |
| 22 | 95 | 90 | 89 | 89 | 91 | 90 | 92 | 92 | 91 | 90 | 89 | 91 | 92 | 92 | 92 | 91 | 90 | 90 | 89 | 88 | 88 | 84 | 90 | 89 | 88 | 90·0 |
| 23 | 88 | 85 | 89 | 88 | 87 | 85 | 87 | 86 | 89 | 87 | 88 | 85 | 86 | 83 | 84 | 86 | 86 | 90 | 90 | 95 | 95 | 94 | 96 | 96 | 97 | 89·0 |
| 24 | 97 | 97 | 96 | 95 | 93 | 91 | 88 | 87 | 86 | 80 | 81 | 79 | 75 | 79 | 78 | 79 | 81 | 80 | 77 | 79 | 78 | 77 | 78 | 76 | 75 | 83·3 |
| 25 | 75 | 76 | 75 | 75 | 75 | 76 | 75 | 77 | 73 | 74 | 72 | 76 | 76 | 74 | 76 | 73 | 73 | 76 | 75 | 75 | 72 | 73 | 73 | 71 | 73 | 74·4 |
| 26 | 74 | 77 | 73 | 74 | 73 | 76 | 77 | 79 | 83 | 84 | 86 | 82 | 79 | 77 | 72 | 84 | 84 | 85 | 85 | 88 | 83 | 78 | 76 | 86 | 83 | 81·0 |
| 27 | 83 | 74 | 84 | 83 | 77 | 87 | 83 | 82 | 75 | 83 | 65 | 68 | 78 | 61 | 75 | 72 | 55 | 68 | 63 | 73 | 60 | 63 | 62 | 75 | 84 | 72·9 |
| 28 | 84 | 93 | 94 | 92 | 88 | 95 | 92 | 96 | 92 | 83 | 55 | 50 | 49 | 46 | 58 | 47 | 50 | 47 | 49 | 54 | 53 | 54 | 54 | 59 | 89 | 69·9 |
| 29 | 89 | 97 | 97 | 96 | 95 | 97 | 97 | 95 | 96 | 95 | 95 | 94 | 95 | 92 | 95 | 95 | 95 | 89 | 89 | 90 | 82 | 82 | 81 | 75 | 72 | 91·4 |
| 30 | 72 | 69 | 70 | 70 | 67 | 70 | 69 | 70 | 71 | 67 | 66 | 69 | 68 | 69 | 68 | 68 | 68 | 68 | 68 | 77 | 90 | 91 | 88 | 84 | 84 | 72·2 |
| 31 | 92 | 91 | 90 | 91 | 91 | 96 | 94 | 94 | 91 | 90 | 91 | 94 | 93 | 91 | 92 | 89 | 89 | 86 | 87 | 87 | 87 | 87 | 85 | 86 | 84 | 89·8 |
| **Mean ...** | 85·2 | 86·3 | 86·0 | 85·7 | 85·3 | 86·8 | 86·9 | 87·6 | 86·8 | 86·7 | 85·0 | 85·1 | 83·5 | 82·3 | 82·4 | 83·0 | 83·5 | 84·3 | 84·0 | 84·8 | 85·0 | 84·1 | 84·1 | 84·6 | 85·1 | 84·9 |
| **Mean, 1886–1905.** | 82·5 | 83·0 | 83·1 | 83·4 | 83·5 | 83·3 | 82·8 | 82·9 | 82·8 | 82·4 | 82·1 | 81·2 | 80·3 | 79·5 | 79·3 | 80·5 | 81·0 | 81·5 | 81·9 | 82·3 | 82·2 | 82·4 | 82·6 | 82·6 | 82·5 | 82·0 |

[*Price Sixpence.*]

# FALMOUTH OBSERVATORY. DECEMBER, 1908.

Lat. 50° 9′ N. Long. 5° 4′ W. Barometer Cistern, 183 feet above Mean Sea Level.
Thermometers, 4 feet above Ground. Rain-gauge, 2 feet above Ground; 169 feet above Mean Sea Level.
Sunshine Recorder, 34 feet above Ground. Cups of Anemometer, 41 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

## TABLE I.

**FALMOUTH.** DAILY EXTREMES of PRESSURE and TEMPERATURE. DECEMBER, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·171 | 0·104 | 53·6 | 49·0 | 9 | 9·577 | 9·405 | 49·0 | 40·0 | 17 | 9·319 | 9·181 | 51·1 | 44·5 | 25 | 9·805 | 9·500 | 49·5 | 44·9 |
| 2 | 0·106 | 0·013 | 51·1 | 47·0 | 10 | 9·405 | 8·861 | **54·0** | 41·0 | 18 | 9·949 | 9·319 | 49·7 | 43·9 | 26 | 9·801 | 9·642 | 47·2 | 45·8 |
| 3 | 0·037 | 0·003 | 51·9 | 44·9 | 11 | 9·361 | **8·791** | 47·1 | 42·3 | 19 | 0·023 | 9·911 | 53·9 | 45·8 | 27 | 9·702 | 9·492 | 45·7 | 35·3 |
| 4 | 0·152 | 0·003 | **54·0** | 45·7 | 12 | 9·596 | 9·346 | 52·2 | 43·3 | 20 | 0·111 | 0·013 | 53·8 | 50·2 | 28 | 9·679 | 9·538 | 41·9 | **35·1** |
| 5 | 0·138 | 9·879 | 52·3 | 42·6 | 13 | 9·367 | 9·335 | 53·0 | 46·2 | 21 | 0·119 | 0·062 | 52·8 | 48·3 | 29 | 9·740 | 9·263 | 50·2 | 37·0 |
| 6 | 9·901 | 9·824 | 51·5 | 42·8 | 14 | 9·343 | 9·109 | 51·9 | 46·3 | 22 | 0·062 | 9·960 | 51·9 | 49·5 | 30 | 0·092 | 9·740 | 49·1 | 41·3 |
| 7 | 0·059 | 9·844 | 48·0 | 40·1 | 15 | 9·177 | 8·976 | 52·2 | 44·2 | 23 | 9·960 | 9·777 | 50·1 | 43·0 | 31 | **0·345** | 0·074 | **54·0** | 49·0 |
| 8 | 9·977 | 9·560 | 52·1 | 42·7 | 16 | 9·359 | 9·120 | 53·1 | 48·0 | 24 | 9·777 | 9·494 | 48·9 | 42·8 | Mean | — | — | 50·9 | 44·0 |

## TABLE II.

**FALMOUTH.** PRESSURE IN ENGLISH INCHES, First figure omitted. DECEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. | ins. |
| 1 | 0·171 | 0·163 | 0·145 | 0·139 | 0·137 | 0·127 | 0·125 | 0·133 | 0·143 | 0·149 | 0·157 | 0·154 | 0·140 | 0·130 | 0·116 | 0·104 | 0·108 | 0·108 | 0·118 | 0·126 | 0·128 | 0·124 | 0·116 | 0·112 | 0·106 | 0·131 |
| 2 | 0·106 | 0·098 | 0·094 | 0·088 | 0·076 | 0·072 | 0·072 | 0·072 | 0·074 | 0·078 | 0·082 | 0·069 | 0·055 | 0·047 | 0·037 | 0·029 | 0·031 | 0·029 | 0·017 | 0·025 | 0·035 | 0·031 | 0·021 | 0·015 | 0·021 | 0·055 |
| 3 | 0·021 | 0·009 | 0·013 | 0·007 | 0·005 | 0·013 | 0·011 | 0·013 | 0·019 | 0·033 | 0·037 | 0·023 | 0·015 | 0·007 | 0·005 | 0·003 | 0·013 | 0·021 | 0·031 | 0·037 | 0·035 | 0·029 | 0·031 | 0·033 | 0·019 | |
| 4 | 0·033 | 0·019 | 0·013 | 0·009 | 0·009 | 0·003 | 0·007 | 0·005 | 0·013 | 0·011 | 0·041 | 0·048 | 0·054 | 0·060 | 0·070 | 0·084 | 0·098 | 0·116 | 0·130 | 0·138 | 0·150 | 0·146 | 0·150 | 0·142 | 0·138 | 0·067 |
| 5 | 0·138 | 0·136 | 0·130 | 0·148 | 0·106 | 0·100 | 0·096 | 0·092 | 0·090 | 0·080 | 0·073 | 0·049 | | 0·021 | 9·991 | 9·985 | 9·973 | 9·965 | 9·961 | 9·951 | 9·935 | 9·921 | 9·901 | 9·893 | 9·879 | 0·030 |
| 6 | 9·879 | 9·871 | 9·879 | 9·877 | 9·877 | 9·875 | 9·887 | 9·897 | 9·899 | 9·897 | 9·899 | 9·892 | 9·882 | 9·862 | 9·842 | 9·834 | 9·828 | 9·826 | 9·824 | 9·828 | 9·830 | 9·828 | 9·832 | 9·840 | 9·844 | 9·861 |
| 7 | 9·844 | 9·852 | 9·872 | 9·886 | 9·900 | 9·922 | 9·940 | 9·960 | 9·996 | 0·008 | 0·034 | 0·049 | 0·039 | 0·039 | 0·045 | 0·047 | 0·057 | 0·059 | 0·055 | 0·043 | 0·043 | 0·027 | 0·013 | 9·997 | 9·977 | 9·991 |
| 8 | 9·977 | 9·955 | 9·925 | 9·895 | 9·863 | 9·835 | 9·801 | 9·777 | 9·765 | 9·745 | 9·713 | 9·690 | 9·646 | 9·602 | 9·574 | 9·570 | 9·582 | 9·584 | 9·586 | 9·592 | 9·586 | 9·580 | 9·574 | 9·566 | 9·700 | |
| 9 | 9·566 | 9·559 | 9·542 | 9·524 | 9·516 | 9·510 | 9·512 | 9·514 | 9·532 | 9·548 | 9·568 | 9·575 | 9·569 | 9·565 | 9·573 | 9·577 | 9·573 | 9·571 | 9·565 | 9·549 | 9·539 | 9·523 | 9·487 | 9·461 | 9·405 | 9·539 |
| 10 | 9·405 | 9·343 | 9·271 | 9·177 | 9·083 | 9·041 | 9·037 | 9·039 | 9·047 | 9·051 | 9·055 | 9·033 | 8·991 | 8·943 | 8·907 | 8·893 | 8·875 | 8·891 | 8·905 | 8·911 | 8·903 | 8·911 | 8·905 | 8·901 | 8·893 | 9·011 |
| 11 | 8·893 | 8·867 | 8·845 | 8·825 | 8·813 | 8·801 | 8·797 | 8·795 | 8·839 | 8·883 | 8·920 | 8·961 | 9·003 | 9·029 | 9·061 | 9·089 | 9·139 | 9·173 | 9·205 | 9·229 | 9·257 | 9·279 | 9·313 | 9·331 | 9·361 | 9·025 |
| 12 | 9·361 | 9·383 | 9·413 | 9·437 | 9·453 | 9·469 | 9·493 | 9·507 | 9·537 | 9·553 | 9·579 | 9·590 | 9·594 | 9·576 | 9·572 | 9·566 | 9·552 | 9·514 | 9·484 | 9·454 | 9·426 | 9·386 | 9·362 | 9·346 | 9·492 | |
| 13 | 9·346 | 9·340 | 9·340 | 9·344 | 9·340 | 9·340 | 9·338 | 9·342 | 9·350 | 9·340 | 9·348 | 9·351 | 9·363 | 9·363 | 9·347 | 9·335 | 9·351 | 9·353 | 9·349 | 9·353 | 9·365 | 9·363 | 9·349 | 9·349 | 9·343 | 9·348 |
| 14 | 9·343 | 9·323 | 9·315 | 9·311 | 9·297 | 9·289 | 9·271 | 9·255 | 9·255 | 9·253 | 9·243 | 9·223 | 9·203 | 9·169 | 9·151 | 9·143 | 9·137 | 9·129 | 9·119 | 9·109 | 9·129 | 9·145 | 9·153 | 9·159 | 9·169 | 9·210 |
| 15 | 9·169 | 9·167 | 9·169 | 9·173 | 9·173 | 9·151 | 9·123 | 9·107 | 9·099 | 9·067 | 9·053 | 9·038 | 9·012 | 8·990 | 8·978 | 8·976 | 8·994 | 9·002 | 9·014 | 9·022 | 9·038 | 9·068 | 9·092 | 9·106 | 9·120 | 9·073 |
| 16 | 9·120 | 9·148 | 9·166 | 9·194 | 9·212 | 9·238 | 9·270 | 9·278 | 9·292 | 9·324 | 9·350 | 9·359 | 9·345 | 9·331 | 9·329 | 9·327 | 9·327 | 9·325 | 9·329 | 9·323 | 9·301 | 9·285 | 9·263 | 9·233 | 9·284 | |
| 17 | 9·233 | 9·207 | 9·203 | 9·201 | 9·193 | 9·191 | 9·181 | 9·187 | 9·199 | 9·207 | 9·221 | 9·227 | 9·217 | 9·211 | 9·207 | 9·209 | 9·225 | 9·223 | 9·231 | 9·235 | 9·249 | 9·253 | 9·269 | 9·287 | 9·319 | 9·221 |
| 18 | 9·319 | 9·325 | 9·333 | 9·341 | 9·375 | 9·429 | 9·487 | 9·521 | 9·575 | 9·617 | 9·661 | 9·695 | 9·723 | 9·741 | 9·769 | 9·789 | 9·813 | 9·835 | 9·863 | 9·887 | 9·911 | 9·925 | 9·927 | 9·935 | 9·949 | 9·671 |
| 19 | 9·949 | 9·945 | 9·951 | 9·949 | 9·947 | 9·927 | 9·913 | 9·911 | 9·923 | 9·941 | 9·957 | 9·959 | 9·947 | 9·945 | 9·951 | 9·947 | 9·975 | 9·979 | 9·997 | 0·009 | 0·021 | 0·023 | 0·017 | 0·021 | 0·015 | 9·964 |
| 20 | 0·015 | 0·017 | 0·025 | 0·023 | 0·021 | 0·015 | 0·015 | 0·013 | 0·023 | 0·035 | 0·041 | 0·045 | 0·035 | 0·039 | 0·041 | 0·045 | 0·055 | 0·067 | 0·079 | 0·085 | 0·099 | 0·101 | 0·105 | 0·111 | 0·109 | 0·050 |
| 21 | 0·109 | 0·107 | 0·111 | 0·103 | 0·101 | 0·101 | 0·101 | 0·103 | 0·111 | 0·117 | 0·119 | 0·116 | 0·106 | 0·094 | 0·090 | 0·088 | 0·078 | 0·070 | 0·074 | 0·076 | 0·076 | 0·072 | 0·068 | 0·066 | 0·062 | 0·093 |
| 22 | 0·062 | 0·054 | 0·044 | 0·040 | 0·024 | 0·016 | 0·012 | 0·014 | 0·014 | 0·010 | 0·012 | 0·008 | 9·990 | 9·972 | 9·966 | 9·966 | 9·968 | 9·962 | 9·968 | 9·966 | 9·970 | 9·970 | 9·968 | 9·964 | 9·960 | 9·995 |
| 23 | 9·960 | 9·948 | 9·948 | 9·948 | 9·938 | 9·930 | 9·928 | 9·936 | 9·944 | 9·950 | 9·954 | 9·947 | 9·921 | 9·903 | 9·883 | 9·873 | 9·867 | 9·857 | 9·847 | 9·843 | 9·829 | 9·809 | 9·797 | 9·785 | 9·777 | 9·894 |
| 24 | 9·777 | 9·761 | 9·745 | 9·729 | 9·713 | 9·695 | 9·681 | 9·671 | 9·667 | 9·665 | 9·657 | 9·634 | 9·604 | 9·588 | 9·566 | 9·546 | 9·526 | 9·520 | 9·506 | 9·498 | 9·496 | 9·494 | 9·494 | 9·500 | 9·508 | |
| 25 | 9·500 | 9·504 | 9·529 | 9·539 | 9·540 | 9·558 | 9·570 | 9·594 | 9·640 | 9·666 | 9·694 | 9·705 | 9·710 | 9·725 | 9·751 | 9·769 | 9·783 | 9·789 | 9·799 | 9·799 | 9·805 | 9·799 | 9·801 | 9·801 | 9·688 | |
| 26 | 9·801 | 9·787 

**FALMOUTH.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | 12 | 6 | 11 | 7 | 11 | 6 | 11 | 6 | 11 | 7 | 11 | 7 | 11 | 7 | 10 | 5 | 10 | 6 | 11 | 7 | 10 | 6 | 10 | 7 |
| 2 | 12 | 4 | 12 | 4 | 12 | 4 | 13 | 4 | — | 3 | 11 | 4 | 10 | 4 | 9 | 4 | 11 | 6 | 12 | 5 | 12 | 7 | 12 | 6 |
| 3 | — | 1 | — | 2 | — | 3 | — | 3 | — | 3 | — | 3 | — | 2 | — | 1 | — | 3 | 12 | 5 | 14 | 7 | 13 | 6 |
| 4 | 13 | 9 | 13 | 9 | 13 | 11 | 13 | 10 | 13 | 10 | 14 | 9 | 14 | 8 | 16 | 7 | 16 | 4 | 27 | 10 | 28 | 9 | 28 | 8 |
| 5 | 26 | 4 | 26 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 20 | 5 | 19 | 6 | 18 | 10 | 18 | 11 |
| 6 | 21 | 10 | 29 | 6 | 30 | 5 | — | 3 | — | 2 | — | 2 | 30 | 4 | 30 | 4 | — | 3 | — | 2 | — | 3 | 25 | 4 |
| 7 | 28 | 4 | 28 | 4 | 28 | 4 | 32 | 5 | 30 | 5 | 31 | 6 | 30 | 4 | 30 | 4 | 29 | 7 | 29 | 4 | 28 | 6 | 27 | 5 |
| 8 | 18 | 11 | 18 | 12 | 17 | 12 | 18 | 15 | 18 | 16 | 18 | 15 | 18 | 15 | 18 | 16 | 18 | 17 | 18 | 18 | 17 | 20 | 18 | 23 |
| 9 | 24 | 4 | — | 3 | — | 2 | 20 | 4 | 20 | 5 | 22 | 4 | 22 | 4 | 23 | 5 | 23 | 6 | 24 | 7 | 24 | 7 | 23 | 9 |
| 10 | 17 | 19 | 17 | 18 | 16 | 18 | 18 | 21 | 22 | 21 | 22 | 22 | 24 | 19 | 23 | 19 | 24 | 18 | 23 | 18 | 22 | 18 | 22 | 21 |
| 11 | 24 | 20 | 24 | 18 | 24 | 20 | 25 | 23 | 25 | 23 | 26 | 26 | 26 | 26 | 29 | 21 | 29 | 20 | 29 | 22 | 26 | 21 | 28 | 17 |
| 12 | 27 | 12 | 27 | 12 | 27 | 12 | 27 | 12 | 28 | 13 | 28 | 11 | 27 | 11 | 27 | 9 | 27 | 7 | 27 | 5 | 25 | 7 | 24 | 7 |
| 13 | 19 | 18 | 19 | 18 | 19 | 14 | 19 | 10 | 20 | 5 | 19 | 10 | 19 | 11 | 18 | 14 | 18 | 15 | 18 | 19 | 18 | 20 | 21 | 14 |
| 14 | 16 | 10 | 16 | 11 | 16 | 10 | 16 | 11 | 16 | 11 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 14 | 16 | 13 | 16 | 15 | 16 | 17 |
| 15 | 19 | 16 | 19 | 18 | 19 | 13 | 21 | 12 | — | 3 | 17 | 10 | 16 | 14 | 16 | 16 | 15 | 15 | 15 | 19 | 15 | 18 | 15 | 18 |
| 16 | 11 | 13 | 11 | 12 | 11 | 10 | 11 | 7 | — | 2 | 11 | 4 | 11 | 4 | 12 | 7 | 12 | 7 | 13 | 6 | 14 | 4 | 13 | 6 |
| 17 | 16 | 12 | 19 | 7 | 18 | 7 | 17 | 12 | 19 | 10 | 20 | 9 | 20 | 12 | 19 | 12 | 19 | 13 | 20 | 14 | 18 | 13 | 20 | 15 |
| 18 | 23 | 9 | 22 | 10 | 21 | 5 | 28 | 6 | 30 | 9 | 29 | 7 | 28 | 8 | 28 | 9 | 27 | 10 | 26 | 14 | 26 | 17 | 26 | 14 |
| 19 | 22 | 7 | 22 | 7 | 21 | 8 | 20 | 7 | 19 | 9 | 18 | 11 | 19 | 10 | 23 | 8 | 23 | 7 | 23 | 9 | 22 | 10 | 23 | 12 |
| 20 | 22 | 7 | 21 | 10 | 21 | 7 | 21 | 5 | 21 | 5 | 21 | 4 | 21 | 4 | 21 | 4 | 21 | 7 | 19 | 7 | 20 | 7 | 20 | 7 |
| 21 | 19 | 4 | — | 2 | — | 2 | 19 | 4 | — | 3 | 19 | 4 | — | 2 | — | 2 | 16 | 4 | 15 | 5 | 16 | 6 | 16 | 6 |
| 22 | 15 | 7 | 15 | 7 | 15 | 7 | 15 | 8 | 16 | 10 | 17 | 9 | 16 | 8 | 15 | 8 | 14 | 10 | 14 | 11 | 15 | 10 | 16 | 10 |
| 23 | 17 | 7 | 17 | 7 | 17 | 7 | 16 | 7 | 16 | 7 | 14 | 10 | 14 | 10 | 14 | 10 | 14 | 10 | 14 | 10 | 14 | 10 | 13 | 10 |
| 24 | 13 | 12 | 14 | 12 | 14 | 13 | 14 | 12 | 13 | 13 | 12 | 14 | 11 | 12 | 12 | 13 | 12 | 15 | 12 | 14 | 12 | 15 | 12 | 15 |
| 25 | 9 | 14 | 9 | 16 | 8 | 15 | 7 | 12 | 6 | 12 | 6 | 12 | 5 | 12 | 5 | 14 | 4 | 14 | 4 | 15 | 5 | 11 | 5 | 12 |
| 26 | 10 | 10 | 12 | 10 | 12 | 9 | 13 | 9 | 11 | 9 | 12 | 9 | 13 | 9 | 13 | 8 | 12 | 6 | 11 | 8 | 11 | 8 | 10 | 8 |
| 27 | 13 | 4 | 26 | 7 | 28 | 12 | 29 | 10 | 29 | 11 | 26 | 15 | 26 | 16 | 30 | 12 | 30 | 10 | 30 | 10 | 31 | 6 | 32 | 7 |
| 28 | 1 | 6 | 4 | 8 | 6 | 11 | 8 | 12 | 11 | 11 | 12 | 11 | 11 | 10 | 11 | 10 | 12 | 11 | 12 | 10 | 13 | 13 | 13 | 12 |
| 29 | 13 | 19 | 12 | 17 | 12 | 16 | 13 | 17 | 12 | 15 | 8 | 10 | 4 | 12 | 30 | 7 | 32 | 7 | — | 2 | 28 | 4 | 27 | 15 |
| 30 | 29 | 13 | 29 | 12 | 29 | 9 | 28 | 7 | 27 | 7 | 27 | 4 | 27 | 4 | 27 | 4 | 24 | 5 | 24 | 4 | — | 2 | 22 | 4 |
| 31 | 18 | 12 | 18 | 12 | 18 | 12 | 20 | 14 | 20 | 12 | 21 | 14 | 22 | 13 | 23 | 12 | 21 | 12 | 22 | 12 | 20 | 12 | 20 | 17 |
| Mean ... | — | 10 | — | 10 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 9 | — | 10 | — | 10 | — | 11 |
| Mean,* 1881–1905. | — | 11·6 | — | 11·7 | — | 11·7 | — | 11·7 | — | 11·6 | — | 11·7 | — | 11·5 | — | 11·6 | — | 11·4 | — | 11·7 | — | 12·6 | — | 13·1 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

* Mean for 24 years only—1884 being omitted.

**FALMOUTH.** TABLE IV.—RAINFALL IN ENGLISH INCHES. DECEMBER, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | ·02 | ·02 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·07 |
| 6 | ·02 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | — | ·01 | ·04 | ·07 | ·10 |
| 7 | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·05 | ·01 | — | — | — | — | — | ·01 |
| 8 | — | — | — | — | — | ·01 | — | ·02 | — | ·01 | — | — | — | ·02 | ·50 | ·04 | — | — | — | — | — | — | — | — | ·60 |
| 9 | — | — | ·01 | ·03 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | ·02 | — | — | — | — | — | ·02 | ·10 |
| 10 | ·07 | ·12 | ·11 | ·08 | ·02 | ·04 | — | ·01 | — | — | — | ·11 | — | ·15 | ·02 | — | ·05 | ·01 | — | ·01 | — | ·04 | ·04 | ·88 |
| 11 | ·01 | ·05 | — | — | ·03 | — | ·01 | ·03 | — | ·08 | ·03 | — | — | — | — | — | ·03 | ·03 | ·04 | — | ·03 | ·01 | — | ·38 |
| 12 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 | ·07 | ·06 | ·04 | ·02 | ·23 |
| 13 | ·01 | ·01 | ·02 | ·04 | ·03 | — | — | ·01 | ·02 | ·02 | — | — | — | — | ·05 | — | — | — | — | ·02 | — | — | — | ·23 |
| 14 | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | ·01 | — | ·03 | — | — | — | — | — | ·05 |
| 15 | — | — | — | ·07 | — | — | — | ·09 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·36 |
| 16 | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | ·01 | ·01 | ·01 | ·03 | ·04 | ·06 | ·05 | ·01 | ·01 | — | — | ·16 |
| 17 | ·01 | — | — | — | — | — | — | — | — | — | ·01 | — | ·04 | — | ·01 | — | — | — | — | — | ·03 | ·01 | ·01 | — | ·12 |
| 18 | — | ·01 | ·08 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·12 |
| 19 | — | — | ·01 | ·01 | ·01 | ·01 | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·05 |
| 20 | — | — | — | — | ·01 | — | — | — | — | — | — | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | ·04 |
| 21 | — | — | — | ·01 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | ·01 | ·03 |
| 22 | — | — | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 23 | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | ·01 | ·09 | ·01 | — | — | — | ·02 | — | ·01 | — | ·05 | — | — | — | ·07 | — | ·12 | ·04 | ·02 | ·01 | ·01 | — | — | — | ·46 |
| 28 | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·02 | ·03 | ·03 | ·04 | ·01 | ·01 | ·21 |
| 29 | ·02 | ·03 | ·09 | ·10 | ·36 | ·40 | ·20 | ·14 | ·07 | ·02 | — | — | — | — | — | — | ·01 | ·05 | — | ·01 | ·01 | — | — | — | ·51 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | ·04 | ·03 | ·05 | ·03 | ·01 | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | — | ·01 | ·20 |
| Sum ... | ·19 | ·35 | ·42 | ·41 | ·51 | ·50 | ·27 | ·29 | ·10 | ·17 | ·04 | ·05 | ·18 | ·04 | ·73 | ·17 | ·07 | ·40 | ·22 | ·15 | ·24 | ·20 | ·16 | ·25 | 6·11 |
| Average 1871–1905. | ·239 | ·274 | ·247 | ·256 | ·247 | ·239 | ·245 | ·252 | ·236 | ·269 | ·233 | ·233 | ·221 | ·256 | ·241 | ·216 | ·229 | ·209 | ·209 | ·221 | ·227 | ·242 | ·260 | ·233 | 5·735 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. DECEMBER, 1908.

| | 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 1 | 10 | 7 | 10 | 6 | 10 | 7 | 11 | 7 | 10 | 7 | 10 | 5 | 10 | 5 | 12 | 4 | 11 | 5 | 13 | 6 | 11 | 4 | 9 | 4 | 6 | 1 |
| 2 | 12 | 5 | 13 | 7 | — | 3 | — | 3 | — | 3 | 13 | 4 | 13 | 4 | — | 3 | — | 2 | — | 1 | — | 0 | — | 1 | 4 | 2 |
| 3 | 12 | 5 | 11 | 4 | 12 | 5 | 13 | 7 | 14 | 7 | 14 | 4 | 14 | 5 | 13 | 6 | 13 | 6 | 12 | 5 | 13 | 9 | 14 | 9 | 5 | 3 |
| 4 | 29 | 8 | 28 | 7 | 28 | 6 | 28 | 4 | 28 | 4 | 28 | 4 | 26 | 5 | 26 | 5 | 26 | 5 | 26 | 4 | 26 | 4 | 26 | 4 | 7 | 4 |
| 5 | 17 | 11 | 17 | 11 | 17 | 11 | 17 | 10 | 17 | 9 | 17 | 7 | 17 | 5 | 17 | 7 | 18 | 7 | 17 | 6 | 18 | 6 | 20 | 13 | 7 | 5 |
| 6 | — | 3 | 19 | 4 | 20 | 5 | 20 | 6 | 20 | 4 | — | 3 | 24 | 5 | — | 2 | — | 2 | 27 | 4 | 27 | 5 | 27 | 4 | 4 | 6 |
| 7 | 25 | 6 | 27 | 6 | — | 2 | — | 3 | — | 2 | — | 3 | — | 3 | 21 | 5 | 20 | 7 | 18 | 8 | 18 | 7 | 18 | 9 | 5 | 7 |
| 8 | 17 | 22 | 18 | 21 | 19 | 17 | 30 | 9 | 28 | 6 | 27 | 4 | 24 | 7 | 25 | 6 | 25 | 4 | 25 | 6 | 24 | 5 | 24 | 5 | 13 | 8 |
| 9 | 21 | 11 | 23 | 10 | 22 | 8 | 20 | 9 | 23 | 9 | 20 | 10 | 21 | 10 | 20 | 12 | 19 | 15 | 19 | 17 | 17 | 12 | 17 | 15 | 8 | 9 |
| 10 | 22 | 19 | 22 | 21 | 24 | 21 | 24 | 25 | 24 | 21 | 24 | 21 | 25 | 20 | 23 | 20 | 25 | 21 | 24 | 21 | 24 | 19 | 25 | 19 | 20 | 10 |
| 11 | 26 | 18 | 26 | 18 | 26 | 15 | 27 | 15 | 26 | 12 | 26 | 14 | 26 | 14 | 28 | 12 | 27 | 14 | 28 | 13 | 27 | 13 | 27 | 15 | 18 | 11 |
| 12 | 23 | 5 | 21 | 4 | 21 | 4 | — | 2 | 19 | 4 | 16 | 7 | 15 | 11 | 15 | 14 | 15 | 13 | 15 | 15 | 16 | 15 | 18 | 16 | 10 | 12 |
| 13 | 18 | 17 | 17 | 15 | 17 | 19 | 19 | 17 | 20 | 12 | 20 | 10 | 17 | 10 | 17 | 8 | 17 | 8 | 17 | 6 | 17 | 7 | 17 | 9 | 13 | 13 |
| 14 | 16 | 18 | 18 | 17 | 17 | 15 | 16 | 15 | 17 | 15 | 17 | 16 | 18 | 18 | 20 | 15 | 20 | 14 | 20 | 16 | 20 | 18 | 19 | 15 | 14 | 14 |
| 15 | 14 | 18 | 13 | 17 | 13 | 15 | 13 | 14 | 12 | 17 | 11 | 16 | 11 | 15 | 11 | 18 | 12 | 18 | 12 | 18 | 12 | 17 | 11 | 15 | 15 | 15 |
| 16 | 13 | 8 | 14 | 6 | 14 | 5 | 16 | 6 | 17 | 4 | 17 | 6 | 18 | 7 | 17 | 7 | 16 | 10 | 16 | 9 | 16 | 12 | 15 | 15 | 7 | 16 |
| 17 | 21 | 13 | 21 | 15 | 22 | 12 | 20 | 11 | 20 | 12 | 20 | 12 | 21 | 10 | 20 | 10 | 22 | 10 | 21 | 10 | 24 | 12 | 23 | 10 | 11 | 17 |
| 18 | 26 | 13 | 25 | 12 | 26 | 11 | 26 | 10 | 25 | 10 | 25 | 9 | 26 | 9 | 26 | 4 | 22 | 4 | 22 | 5 | 22 | 6 | 22 | 7 | 9 | 18 |
| 19 | 23 | 13 | 24 | 13 | 24 | 14 | 25 | 9 | 25 | 12 | 23 | 7 | 23 | 7 | 23 | 6 | 21 | 6 | 22 | 5 | 23 | 8 | 22 | 7 | 9 | 19 |
| 20 | 21 | 9 | 22 | 5 | 21 | 4 | 21 | 4 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | 18 | 6 | 19 | 7 | 19 | 4 | 5 | 20 |
| 21 | 17 | 7 | 17 | 7 | 17 | 7 | 16 | 7 | 16 | 5 | 16 | 7 | 16 | 7 | 16 | 5 | 16 | 7 | 16 | 5 | 16 | 4 | 15 | 5 | 5 | 21 |
| 22 | 15 | 11 | 16 | 10 | 16 | 10 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 8 | 16 | 8 | 16 | 8 | 16 | 7 | 17 | 7 | 17 | 6 | 9 | 22 |
| 23 | 12 | 10 | 12 | 8 | 11 | 10 | 13 | 10 | 12 | 12 | 12 | 12 | 13 | 12 | 14 | 14 | 13 | 12 | 14 | 13 | 13 | 12 | 14 | 13 | 10 | 23 |
| 24 | 13 | 16 | 12 | 16 | 11 | 17 | 11 | 17 | 12 | 17 | 12 | 18 | 11 | 16 | 12 | 18 | 12 | 19 | 12 | 19 | 11 | 14 | 10 | 14 | 15 | 24 |
| 25 | 5 | 10 | 5 | 9 | 6 | 9 | 5 | 9 | 6 | 10 | 5 | 10 | 7 | 11 | 9 | 12 | 8 | 12 | 9 | 14 | 9 | 14 | 10 | 12 | 12 | 25 |
| 26 | 10 | 8 | 11 | 7 | 12 | 7 | 12 | 8 | 13 | 7 | 14 | 7 | 14 | 7 | 12 | 8 | 11 | 8 | 11 | 7 | 11 | 6 | 13 | 5 | 8 | 26 |
| 27 | 31 | 7 | 28 | 9 | 26 | 5 | 22 | 8 | 18 | 6 | 30 | 10 | 30 | 7 | 28 | 8 | 30 | 8 | 31 | 10 | 32 | 12 | 32 | 8 | 9 | 27 |
| 28 | 13 | 12 | 13 | 14 | 13 | 16 | 13 | 16 | 13 | 18 | 13 | 18 | 13 | 19 | 13 | 21 | 13 | 20 | 13 | 20 | 13 | 19 | 13 | 20 | 14 | 28 |
| 29 | 27 | 14 | 27 | 17 | 28 | 18 | 29 | 17 | 28 | 18 | 30 | 13 | 30 | 16 | 30 | 17 | 30 | 16 | 30 | 15 | 30 | 13 | 30 | 14 | 14 | 29 |
| 30 | 21 | 5 | 21 | 7 | 20 | 6 | 20 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 6 | 18 | 7 | 18 | 7 | 19 | 9 | 19 | 10 | 6 | 30 |
| 31 | 21 | 15 | 22 | 12 | 21 | 9 | 21 | 10 | 21 | 7 | 22 | 7 | 22 | 9 | 21 | 9 | 20 | 7 | 21 | 6 | 21 | 7 | 21 | 8 | 11 | 31 |
| — | — | 11 | — | 11 | — | 10 | — | 10 | — | 9 | — | 9 | — | 9 | — | 9 | — | 10 | — | 10 | — | 10 | — | 10 | 10 | Mean,* 1881–1905. |
| — | — | 13·1 | — | 13·0 | — | 12·4 | — | 11·9 | — | 11·5 | — | 11·4 | — | 11·2 | — | 11·4 | — | 11·6 | — | 11·4 | — | 11·4 | — | 11·5 | 11·8 | |

**FALMOUTH.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. DECEMBER, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | ·2 | ·3 | ·4 | ·9 | ·7 | ·1 | — | — | — | — | — | — | 2·6 | Fine day, with light breeze from E.S.E. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull throughout. |
| 4 | — | — | — | — | — | — | — | — | ·5 | ·4 | 1·0 | ·4 | — | — | — | — | — | 2·3 | ●⁰ early, then fair to fine; ⓤ at 22h. |
| 5 | — | — | — | — | — | — | ·7 | ·7 | ·6 | — | ·1 | — | — | — | — | — | — | 2·1 | Bright to overcast; ●⁷ at night. |
| 6 | — | — | — | — | — | ·4 | 1·0 | ·7 | — | — | — | — | — | — | — | — | — | 2·1 | Bright to dull, with ●⁵; ⊕ at 11h. |
| 7 | — | — | — | — | ·2 | ·7 | ·6 | ·8 | 1·0 | ·6 | 1·0 | ·2 | — | — | — | — | — | 5·1 | Bright and fine. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and squally; ●² at 15h. |
| 9 | — | — | — | — | — | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | ·6 | — | — | — | — | — | 6·6 | Very fine day. |
| 10 | — | — | — | — | — | — | ·2 | ·3 | ·4 | ·3 | ·7 | — | — | — | — | — | — | 1·9 | Squally day, with showers of ●² and ▲. |
| 11 | — | — | — | — | — | — | — | ·5 | 1·0 | ·9 | ·8 | ·2 | — | — | — | — | — | 3·4 | Squally all day; ▲ and ● showers frequent. [after 19h. |
| 12 | — | — | — | — | — | — | ·3 | ·5 | ·5 | — | — | — | — | — | — | — | — | 1·3 | A.M. fairly bright; P.M. dull, with ● |
| 13 | — | — | — | — | ·4 | ·4 | ·9 | 1·0 | ·4 | ·3 | ·1 | — | — | — | — | — | — | 3·5 | Showery day, with intermittent sunshine. |
| 14 | — | — | — | — | — | — | — | ·7 | ·9 | ·7 | ·3 | — | — | — | — | — | — | 2·6 | A.M. cloudy; P.M. sunny, with passing |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day; ● at times. [showers. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast to cloudy; ● P.M. |
| 17 | — | — | — | — | — | ·5 | ·8 | ·4 | ·6 | ·9 | ·5 | ·5 | — | — | — | — | — | 4·2 | Bright generally; some passing showers. |
| 18 | — | — | — | — | — | ·5 | 1·0 | ·9 | ·8 | — | ·3 | — | — | — | — | — | — | 3·5 | ●² shower about 3h., then fine to fair. |
| 19 | — | — | — | — | — | — | — | ·3 | — | — | — | — | — | — | — | — | — | 0·3 | Fair to dull; air very damp. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, damp day. |
| 21 | — | — | — | — | — | — | — | — | — | — | ·1 | — | — | — | — | — | — | 0·1 | Overcast; damp. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull all day. |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast all day. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull; ●⁰ at night. [and ⓚ, P.M. |
| 27 | — | — | — | — | — | ·4 | ·4 | ·3 | ·6 | 1·0 | ·1 | — | — | — | — | — | — | 2·8 | ● early, then fair to overcast; ●, ▲; |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day; wet squally evening. |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2·8 | ●² till 9h., then fairly bright; ▲ showers |
| 30 | — | — | — | — | — | — | ·6 | ·7 | ·7 | ·7 | ·7 | ·1 | — | — | — | — | — | 2·3 | Fair to fine. [in evening, |
| 31 | — | — | — | — | — | — | ·1 | ·1 | ·4 | ·9 | ·7 | ·1 | — | — | — | — | — | 0·5 | Day fair to overcast; damp evening. |
| | — | — | — | — | 0·2 | 4·2 | 6·8 | 8·8 | 10·7 | 8·7 | 8·1 | 2·5 | — | — | — | — | — | 50·0 | Total. |
| | — | — | — | 0·01 | 0·16 | 4·62 | 8·38 | 9·52 | 9·91 | 9·23 | 7·63 | 4·19 | 0·14 | — | — | — | — | 53·80 | Mean Total, 1881-1905. |

TABLE VI.

**FALMOUTH.** TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. DECEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52·0 | 52·1 | 51·8 | 51·8 | 51·4 | 51·2 | 51·0 | 50·9 | 50·8 | 51·0 | 52·2 | 52·8 | 53·0 | 53·0 | 52·0 | 51·0 | 50·6 | 50·0 | 49·9 | 49·3 | 49·1 | 50·0 | 50·0 | 50·1 | 50·8 | 51·1 |
| 2 | 50·8 | 50·7 | 49·7 | 50·0 | 50·1 | 50·0 | 50·7 | 50·8 | 50·8 | 50·5 | 50·6 | 50·9 | 51·0 | 51·0 | 50·0 | 50·0 | 50·0 | 49·0 | 50·0 | 50·1 | 50·0 | 49·9 | 49·0 | 47·0 | 47·2 | 50·1 |
| 3 | 47·2 | 46·0 | 45·4 | 45·2 | 45·2 | 45·1 | 46·0 | 46·9 | 47·0 | 48·8 | 50·3 | 50·9 | 51·0 | 51·2 | 51·4 | 51·8 | 51·6 | 51·2 | 51·2 | 51·0 | 51·1 | 50·8 | 50·0 | 51·2 | 51·0 | 49·2 |
| 4 | 51·9 | 52·0 | 52·0 | 52·2 | 52·3 | 52·2 | 52·4 | 52·8 | 53·0 | 53·9 | 52·6 | 52·6 | 52·8 | 52·8 | 53·1 | 52·2 | 50·3 | 48·0 | 47·3 | 46·4 | 46·0 | 46·0 | 45·8 | 46·1 | 46·4 | 50·6 |
| 5 | 46·4 | 45·6 | 45·7 | 45·0 | 44·2 | 44·7 | 44·0 | 43·8 | 42·6 | 45·2 | 47·0 | 49·7 | 50·2 | 50·9 | 50·7 | 50·8 | 50·0 | 49·0 | 50·0 | 50·1 | 51·1 | 51·9 | 52·0 | 52·1 | 51·6 | 48·2 |
| 6 | 51·0 | 49·8 | 49·8 | 49·1 | 49·0 | 48·0 | 47·3 | 46·3 | 45·9 | 46·0 | 46·8 | 49·7 | 49·1 | 50·0 | 50·6 | 49·8 | 48·9 | 47·9 | 46·1 | 45·8 | 45·8 | 45·0 | 44·8 | 44·0 | 42·9 | 47·6 |
| 7 | 42·9 | 43·7 | 43·5 | 43·9 | 44·0 | 43·3 | 44·0 | 44·0 | 42·7 | 43·8 | 45·3 | 46·6 | 46·6 | 47·4 | 47·5 | 47·1 | 46·0 | 43·9 | 41·3 | 41·1 | 42·9 | 43·0 | 44·1 | 46·0 | 46·4 | 44·4 |
| 8 | 46·4 | 47·4 | 48·2 | 49·0 | 49·6 | 49·0 | 48·9 | 49·2 | 49·5 | 50·0 | 50·1 | 51·0 | 51·5 | 52·1 | 51·3 | 50·9 | 46·8 | 46·1 | 45·0 | 44·0 | 42·8 | 43·0 | 43·9 | 43·1 | 43·8 | 47·8 |
| 9 | 43·8 | 43·1 | 40·4 | 40·3 | 41·0 | 43·1 | 42·1 | 42·5 | 41·3 | 41·8 | 44·1 | 45·7 | 47·0 | 48·2 | 48·0 | 47·0 | 45·0 | 44·1 | 42·7 | 43·3 | 45·0 | 46·4 | 47·0 | 46·0 | 46·1 | 44·2 |
| 10 | 46·1 | 47·1 | 46·8 | 47·3 | 49·2 | 53·2 | 53·4 | 52·9 | 52·3 | 52·1 | 52·2 | 53·0 | 53·3 | 51·8 | 52·0 | 51·6 | 51·3 | 51·0 | 51·0 | 50·5 | 51·0 | 50·7 | 50·1 | 50·2 | 50·8 | 49·7 |
| 11 | 41·0 | 45·7 | 42·9 | 46·0 | 46·8 | 46·4 | 46·0 | 46·1 | 44·1 | 46·4 | 45·8 | 44·8 | 47·0 | 46·3 | 46·7 | 46·2 | 46·1 | 46·4 | 46·0 | 45·8 | 43·9 | 44·0 | 45·0 | 44·1 | 44·3 | 45·5 |
| 12 | 44·3 | 44·5 | 44·0 | 44·3 | 44·1 | 44·0 | 44·0 | 43·8 | 43·7 | 43·6 | 44·3 | 45·9 | 46·3 | 46·2 | 46·0 | 45·3 | 44·9 | 44·0 | 44·0 | 44·9 | 46·0 | 46·2 | 47·1 | 48·9 | 51·0 | 52·2 | 45·5 |
| 13 | 52·2 | 52·2 | 52·9 | 53·0 | 52·4 | 52·1 | 51·6 | 51·9 | 52·0 | 50·0 | 51·2 | 51·8 | 51·0 | 51·0 | 50·2 | 51·5 | 49·0 | 47·4 | 47·4 | 47·7 | 47·7 | 47·7 | 46·3 | 47·0 | 47·0 | 50·2 |
| 14 | 47·0 | 47·9 | 47·9 | 47·7 | 47·8 | 47·7 | 48·2 | 47·0 | 48·3 | 49·5 | 49·4 | 50·0 | 50·9 | 51·5 | 51·2 | 50·2 | 49·0 | 49·1 | 48·7 | 47·0 | 46·9 | 47·0 | 48·5 | 48·3 | 47·1 | 48·6 |
| 15 | 47·1 | 49·0 | 49·3 | 48·8 | 48·0 | 44·9 | 47·0 | 48·0 | 47·5 | 47·7 | 50·0 | 51·1 | 51·8 | 51·8 | 52·0 | 51·6 | 51·3 | 51·0 | 51·0 | 50·5 | 51·0 | 50·7 | 50·1 | 50·2 | 50·8 | 49·7 |
| 16 | 50·8 | 51·0 | 51·0 | 51·0 | 50·8 | 50·8 | 50·6 | 50·0 | 50·0 | 51·0 | 51·0 | 52·4 | 53·0 | 52·1 | 51·4 | 51·3 | 51·0 | 49·3 | 48·7 | 48·9 | 49·8 | 49·8 | 49·0 | 49·9 | 50·3 | 50·5 |
| 17 | 50·3 | 51·1 | 49·7 | 50·0 | 50·3 | 50·1 | 49·2 | 48·6 | 48·9 | 48·0 | 49·1 | 48·2 | 50·1 | 48·1 | 49·3 | 46·9 | 46·4 | 45·3 | 45·7 | 45·7 | 44·6 | 45·0 | 44·6 | 46·3 | 46·1 | 47·9 |
| 18 | 46·1 | 46·0 | 45·7 | 44·3 | 44·2 | 44·0 | 44·7 | 46·0 | 47·1 | 47·9 | 48·3 | 49·3 | 49·6 | 48·9 | 48·4 | 48·1 | 47·2 | 47·0 | 46·6 | 46·2 | 45·0 | 44·4 | 44·8 | 45·1 | 45·6 | 46·4 |
| 19 | 45·6 | 47·0 | 47·8 | 48·6 | 48·1 | 48·5 | 49·0 | 50·1 | 51·3 | 51·7 | 53·1 | 53·6 | 53·6 | 53·2 | 53·0 | 52·7 | 52·0 | 51·4 | 51·0 | 50·9 | 51·0 | 50·9 | 51·0 | 51·9 | 51·3 | 50·8 |
| 20 | 51·3 | 51·1 | 51·0 | 51·0 | 50·2 | 51·1 | 51·0 | 51·2 | 51·0 | 51·0 | 51·2 | 52·2 | 52·8 | 53·3 | 53·7 | 53·0 | 53·2 | 52·9 | 52·7 | 52·8 | 52·4 | 52·6 | 52·0 | 52·0 | 51·3 | 52·0 |
| 21 | 51·3 | 51·1 | 50·2 | 50·9 | 50·3 | 51·1 | 50·9 | 50·9 | 50·9 | 51·0 | 51·6 | 52·3 | 52·5 | 52·5 | 52·3 | 52·1 | 51·7 | 51·0 | 51·0 | 50·4 | 50·7 | 50·3 | 50·3 | 49·4 | 50·1 | 51·1 |
| 22 | 50·1 | 50·3 | 49·6 | 50·0 | 50·0 | 50·2 | 49·7 | 50·0 | 49·9 | 50·8 | 51·2 | 51·7 | 51·8 | 51·5 | 51·0 | 50·9 | 50·7 | 50·3 | 50·3 | 50·1 | 50·0 | 50·1 | 50·0 | 50·0 | 50·0 | 50·4 |
| 23 | 50·0 | 50·1 | 50·0 | 50·0 | 50·0 | 50·0 | 50·0 | 49·2 | 48·8 | 48·0 | 47·8 | 47·6 | 47·9 | 48·1 | 47·9 | 47·4 | 47·0 | 46·5 | 45·6 | 45·9 | 44·8 | 44·0 | 43·3 | 43·2 | 43·0 | 47·4 |
| 24 | 43·0 | 43·5 | 44·0 | 44·0 | 43·6 | 43·3 | 43·2 | 43·0 | 43·2 | 43·2 | 43·0 | 43·0 | 43·2 | 43·1 | 44·4 | 45·0 | 46·1 | 46·1 | 46·0 | 48·0 | 48·1 | 48·0 | 47·6 | 48·2 | 48·8 | 44·9 |
| 25 | 48·8 | 49·4 | 49·2 | 48·9 | 48·1 | 48·0 | 47·3 | 47·0 | 46·2 | 45·8 | 45·5 | 45·0 | 45·3 | 45·2 | 45·3 | 45·6 | 45·2 | 46·0 | 46·2 | 46·8 | 47·1 | 47·0 | 47·5 | 47·2 | 47·0 | 46·8 |
| 26 | 47·0 | 47·1 | 47·0 | 47·0 | 46·8 | 46·4 | 46·2 | 46·1 | 46·0 | 46·0 | 46·3 | 46·9 | 46·8 | 47·0 | 47·0 | 47·0 | 47·0 | 46·9 | 46·8 | 46·9 | 47·0 | 46·3 | 46·3 | 46·1 | 45·8 | 46·6 |
| 27 | 45·8 | 45·3 | 44·3 | 44·0 | 44·0 | 44·0 | 44·0 | 40·9 | 42·0 | 42·4 | 42·2 | 41·9 | 42·0 | 42·6 | 44·4 | 43·8 | 42·2 | 40·0 | 40·4 | 39·0 | 39·2 | 39·0 | 38·0 | 37·0 | 35·3 | 41·9 |
| 28 | 35·3 | 36·2 | 39·3 | 40·0 | 41·0 | 40·0 | 40·5 | 40·7 | 41·0 | 41·4 | 41·7 | 41·6 | 41·0 | 41·3 | 41·1 | 41·1 | 40·3 | 39·7 | 39·0 | 39·0 | 38·3 | 38·3 | 38·0 | 37·3 | 37·4 | 39·8 |
| 29 | 37·4 | 37·1 | 37·8 | 39·3 | 40·2 | 42·0 | 44·0 | 45·7 | 45·7 | 44·3 | 44·0 | 45·2 | 49·8 | 49·9 | 49·0 | 48·1 | 47·4 | 45·3 | 44·1 | 45·7 | 45·8 | 44·3 | 45·0 | 45·7 | 45·2 | 44·5 |
| 30 | 45·2 | 45·3 | 45·3 | 44·6 | 44·0 | 43·3 | 42·2 | 42·7 | 42·7 | 43·5 | 44·9 | 46·1 | 47·2 | 48·4 | 48·3 | 48·4 | 47·1 | 44·5 | 44·0 | 42·4 | 44·8 | 46·9 | 48·0 | 49·0 | 49·0 | 45·5 |
| 31 | 49·0 | 49·1 | 49·2 | 49·7 | 50·2 | 51·0 | 51·3 | 51·7 | 52·0 | 51·6 | 52·2 | 53·0 | 53·0 | 53·7 | 53·7 | 53·8 | 52·7 | 52·3 | 52·3 | 52·4 | 52·0 | 51·8 | 51·3 | 51·0 | 51·2 | 51·7 |
| Mean ... | 47·0 | 47·4 | 47·1 | 47·3 | 47·3 | 47·4 | 47·4 | 47·4 | 47·4 | 47·4 | 47·7 | 48·2 | 48·9 | 49·5 | 49·5 | 49·4 | 49·1 | 48·2 | 47·4 | 47·0 | 47·0 | 46·9 | 47·0 | 47·0 | 47·1 | 47·0 | 47·7 |
| Mean, 1871–1905. | 44·4 | 44·4 | 44·3 | 44·4 | 44·2 | 44·3 | 44·2 | 44·2 | 44·5 | 45·1 | 46·0 | 46·4 | 46·8 | 46·6 | 46·3 | 45·7 | 45·2 | 44·9 | 44·8 | 44·6 | 44·6 | 44·5 | 44·5 | 44·4 | 45·0 | |

TABLE VII.

**FALMOUTH.** RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). DECEMBER, 1908.

| | % 0. | % 1. | % 2. | % 3. | % 4. | % 5. | % 6. | % 7. | % 8. | % 9. | % 10. | % 11. | % Noon. | % 13. | % 14. | % 15. | % 16. | % 17. | % 18. | % 19. | % 20. | % 21. | % 22. | % 23. | % Midt. | % Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 85 | 86 | 87 | 87 | 86 | 85 | 85 | 86 | 85 | 84 | 84 | 79 | 78 | 76 | 78 | 78 | 77 | 80 | 79 | 79 | 78 | 76 | 76 | 75 | 71 | 81·0 |
| 2 | 71 | 82 | 82 | 83 | 84 | 86 | 83 | 80 | 82 | 84 | 84 | 86 | 84 | 86 | 87 | 88 | 88 | 91 | 89 | 91 | 87 | 88 | 90 | 92 | 93 | 85·8 |
| 3 | 93 | 93 | 92 | 92 | 91 | 91 | 92 | 89 | 90 | 87 | 85 | 84 | 82 | 81 | 82 | 82 | 83 | 83 | 83 | 81 | 85 | 84 | 87 | 86 | 88 | 86·5 |
| 4 | 88 | 87 | 88 | 86 | 86 | 92 | 92 | 93 | 93 | 93 | 89 | 85 | 81 | 74 | 81 | 84 | 87 | 89 | 87 | 87 | 87 | 87 | 90 | 90 | 90 | 87·5 |
| 5 | 90 | 88 | 88 | 88 | 91 | 88 | 92 | 91 | 93 | 91 | 89 | 82 | 80 | 80 | 81 | 82 | 92 | 93 | 92 | 93 | 93 | 93 | 93 | 93 | 91 | 89·0 |
| 6 | 91 | 90 | 93 | 93 | 93 | 93 | 93 | 90 | 83 | 84 | 85 | 81 | 84 | 86 | 84 | 87 | 87 | 88 | 88 | 87 | 89 | 86 | 85 | 79 | 85 | 87·3 |
| 7 | 85 | 79 | 76 | 77 | 75 | 78 | 77 | 78 | 77 | 73 | 74 | 69 | 66 | 71 | 70 | 72 | 79 | 79 | 84 | 85 | 83 | 83 | 83 | 83 | 83 | 77·3 |
| 8 | 83 | 83 | 79 | 79 | 77 | 86 | 87 | 91 | 90 | 91 | 92 | 87 | 85 | 85 | 85 | 89 | 89 | 90 | 78 | 80 | 79 | 72 | 77 | 77 | 89 | 84·1 |
| 9 | 77 | 79 | 91 | 92 | 86 | 86 | 86 | 86 | 88 | 84 | 80 | 75 | 72 | 71 | 65 | 67 | 74 | 76 | 81 | 80 | 78 | 76 | 74 | 81 | 89 | 79·7 |
| 10 | 89 | 91 | 90 | 93 | 93 | 94 | 91 | 82 | 80 | 76 | 79 | 83 | 79 | 87 | 79 | 84 | 89 | 78 | 84 | 73 | 74 | 72 | 72 | 74 | 84 | 82·6 |
| 11 | 84 | 68 | 80 | 72 | 64 | 72 | 71 | 68 | 78 | 71 | 75 | 79 | 68 | 65 | 58 | 67 | 62 | 67 | 68 | 73 | 78 | 75 | 70 | 70 | 64 | 70·5 |
| 12 | 64 | 64 | 61 | 63 | 61 | 63 | 61 | 65 | 65 | 67 | 68 | 65 | 67 | 70 | 68 | 74 | 77 | 79 | 79 | 85 | 93 | 93 | 94 | 93 | 96 | 73·1 |
| 13 | 96 | 94 | 93 | 92 | 92 | 93 | 92 | 93 | 92 | 91 | 89 | 86 | 81 | 80 | 85 | 83 | 80 | 77 | 81 | 80 | 79 | 92 | 91 | 89 | 86 | 86·8 |
| 14 | 86 | 85 | 82 | 81 | 82 | 81 | 81 | 82 | 85 | 83 | 81 | 79 | 80 | 75 | 77 | 79 | 81 | 77 | 75 | 86 | 81 | 84 | 80 | 77 | 78 | 80·7 |
| 15 | 78 | 78 | 77 | 75 | 79 | 90 | 88 | 82 | 90 | 89 | 88 | 85 | 83 | 83 | 82 | 88 | 86 | 88 | 90 | 88 | 86 | 87 | 86 | 87 | 84 | 84·8 |
| 16 | 84 | 85 | 85 | 82 | 85 | 87 | 89 | 87 | 89 | 89 | 90 | 90 | 87 | 90 | 91 | 91 | 93 | 93 | 91 | 90 | 87 | 86 | 93 | 93 | 93 | 88·8 |
| 17 | 93 | 93 | 90 | 92 | 93 | 87 | 87 | 86 | 81 | 84 | 80 | 85 | 77 | 85 | 76 | 80 | 80 | 80 | 86 | 80 | 86 | 86 | 89 | 79 | 93 | 83·6 |
| 18 | 79 | 78 | 80 | 88 | 89 | 84 | 82 | 79 | 77 | 74 | 72 | 68 | 67 | 67 | 66 | 66 | 65 | 67 | 69 | 68 | 73 | 82 | 81 | 81 | 80 | 75·1 |
| 19 | 80 | 79 | 80 | 82 | 91 | 91 | 93 | 93 | 93 | 91 | 92 | 90 | 91 | 92 | 91 | 90 | 92 | 92 | 93 | 94 | 94 | 94 | 94 | 93 | 92 | 90·5 |
| 20 | 92 | 91 | 88 | 87 | 91 | 91 | 92 | 91 | 92 | 93 | 93 | 92 | 92 | 92 | 90 | 91 | 92 | 93 | 94 | 94 | 94 | 94 | 94 | 94 | 96 | 92·0 |
| 21 | 96 | 93 | 95 | 94 | 97 | 92 | 94 | 94 | 94 | 94 | 95 | 93 | 93 | 92 | 92 | 91 | 91 | 93 | 92 | 93 | 94 | 94 | 95 | 94 | 93 | 93·5 |
| 22 | 93 | 93 | 91 | 93 | 93 | 92 | 89 | 90 | 87 | 87 | 86 | 87 | 87 | 88 | 88 | 88 | 88 | 90 | 90 | 89 | 89 | 90 | 89 | 88 | 89 | 89·3 |
| 23 | 89 | 89 | 88 | 89 | 88 | 87 | 92 | 88 | 90 | 88 | 89 | 86 | 83 | 79 | 80 | 83 | 79 | 77 | 79 | 80 | 81 | 78 | 82 | 83 | 82 | 84·3 |
| 24 | 82 | 80 | 77 | 77 | 79 | 80 | 81 | 78 | 81 | 81 | 79 | 78 | 77 | 75 | 78 | 78 | 77 | 74 | 68 | 73 | 74 | 68 | 71 | 74 | 74 | 76·7 |
| 25 | 74 | 75 | 76 | 74 | 77 | 77 | 77 | 77 | 85 | 85 | 84 | 85 | 84 | 83 | 83 | 83 | 81 | 82 | 81 | 85 | 81 | 79 | 80 | 76 | 76 | 80·1 |
| 26 | 75 | 76 | 77 | 76 | 77 | 81 | 82 | 83 | 81 | 83 | 82 | 80 | 80 | 83 | 83 | 84 | 84 | 85 | 85 | 86 | 85 | 89 | 87 | 87 | 89 | 82·5 |
| 27 | 89 | 91 | 92 | 86 | 79 | 71 | 72 | 85 | 80 | 80 | 82 | 81 | 82 | 70 | 72 | 73 | 89 | 83 | 88 | 84 | 90 | 89 | 85 | 90 | 92 | 82·3 |
| 28 | 90 | 89 | 87 | 86 | 74 | 73 | 73 | 71 | 70 | 70 | 73 | 75 | 82 | 81 | 78 | 78 | 82 | 84 | 88 | 90 | 89 | 90 | 90 | 90 | 91 | 81·4 |
| 29 | 91 | 90 | 91 | 92 | 92 | 92 | 95 | 94 | 92 | 93 | 97 | 82 | 80 | 77 | 77 | 73 | 72 | 83 | 68 | 70 | 76 | 67 | 68 | 70 | 68 | 83·1 |
| 30 | 70 | 69 | 69 | 70 | 72 | 76 | 79 | 79 | 80 | 76 | 73 | 75 | 74 | 72 | 73 | 77 | 77 | 82 | 87 | 85 | 90 | 88 | 89 | 88 | 86 | 78·7 |
| 31 | 88 | 92 | 93 | 93 | 94 | 93 | 94 | 94 | 92 | 91 | 92 | 90 | 91 | 88 | 88 | 87 | 88 | 88 | 90 | 90 | 92 | 91 | 92 | 93 | 93 | 91·1 |
| Mean ... | 84·7 | 84·2 | 84·5 | 84·3 | 84·2 | 84·9 | 85·1 | 84·9 | 85·1 | 84·0 | 83·9 | 82·6 | 80·7 | 80·9 | 79·2 | 81·1 | 82·3 | 83·3 | 83·9 | 83·8 | 84·0 | 84·5 | 84·2 | 84·2 | 84·9 | 83·5 |
| Mean, 1886–1905. | 85·2 | 85·0 | 84·8 | 85·1 | 85·0 | 85·2 | 84·8 | 85·2 | 85·1 | 84·9 | 84·2 | 82·8 | 81·5 | 81·3 | 81·1 | 82·0 | 83·0 | 83·9 | 84·1 | 84·5 | 84·5 | 84·8 | 84·8 | 84·7 | 85·0 | 84·1 |

[*Price Sixpence.*]

# KEW OBSERVATORY. DECEMBER, 1908.

Lat. 51° 28′ N. Long. 0° 19′ W. Barometer Cistern, 34 feet above Mean Sea Level.
Thermometers, 10 feet above Ground. Rain-gauge, 1 foot 9 inches above Ground; 20 feet above Mean Sea Level.
Sunshine Recorder, 47 feet above Ground. Cups of Anemometer, 70 feet above Ground.

## TABLES

Of DAILY EXTREMES of Pressure and Temperature, and of HOURLY READINGS as follows:—

PRESSURE.—At 2m. after each hour of Greenwich Mean Time.
WIND.—Direction at each hour, G.M.T.
Velocity—Distance recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
RAINFALL.—Recorded in the interval from 30m. before to 30m. after each hour, G.M.T.
SUNSHINE.—Recorded in the interval from 30m. before to 30m. after each hour of Local Apparent Time.
TEMPERATURE.—Dry Bulb at 2m. before each hour, G.M.T.
RELATIVE HUMIDITY.—Calculated from readings of Dry and Wet Bulb Thermometers at 2m. before each hour, G.M.T.

NOTE.—The mean values for the day given below are computed according to the formula $\frac{1}{24}\left\{1+\ldots+23+\frac{1}{2}(0+24)\right\}$

(For Tables for the reduction of the Observations to Sea Level and Latitude 45°, &c., *see* Preface.)

TABLE I.

**KEW.** DAILY EXTREMES OF PRESSURE AND TEMPERATURE. DECEMBER, 1908.

| DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. | DAY. | PRESSURE. Max. | PRESSURE. Min. | TEMPERATURE. Max. | TEMPERATURE. Min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° | | ins. | ins. | ° | ° |
| 1 | 0·429 | 0·361 | 47·2 | 40·4 | 9 | 9·702 | 9·641 | 46·4 | 38·4 | 17 | 9·508 | 9·339 | 50·7 | 42·6 | 25 | 0·078 | 9·909 | 40·1 | 37·0 |
| 2 | 0·366 | 0·270 | 44·8 | 38·1 | 10 | 9·641 | 8·708 | **52·6** | 38·3 | 18 | 9·997 | 9·408 | 46·6 | 34·2 | 26 | 0·067 | 9·907 | 38·2 | 35·4 |
| 3 | 0·291 | 0·242 | 42·5 | 37·9 | 11 | 9·164 | **8·722** | 44·2 | 38·7 | 19 | 0·146 | 9·997 | 45·0 | 37·9 | 27 | 9·910 | 9·854 | 35·7 | 27·5 |
| 4 | 0·306 | 0·241 | 43·7 | 35·9 | 12 | 9·679 | 9·164 | 45·1 | 36·9 | 20 | 0·276 | 0·146 | 49·5 | 43·5 | 28 | 0·032 | 9·839 | 29·3 | 24·5 |
| 5 | 0·251 | 0·092 | 48·1 | 43·7 | 13 | 9·649 | 9·462 | 52·3 | 38·1 | 21 | 0·325 | 0·271 | 51·1 | 45·9 | 29 | 0·012 | 9·597 | 27·1 | 21·9 |
| 6 | 0·092 | 9·955 | 49·0 | 40·8 | 14 | 9·566 | 9·305 | 50·7 | 44·6 | 22 | 0·202 | 0·215 | 45·9 | 39·4 | 30 | 0·409 | 9·874 | 26·0 | **14·7** |
| 7 | 0·183 | 9·959 | 42·8 | 35·5 | 15 | 9·505 | 9·300 | 51·0 | 44·8 | 23 | 0·219 | 0·122 | 42·1 | 37·0 | 31 | **0·483** | 0·372 | 41·3 | 22·8 |
| 8 | 0·126 | 9·687 | 49·2 | 32·6 | 16 | 9·605 | 9·494 | 49·1 | 39·5 | 24 | 0·122 | 9·905 | 38·7 | 36·3 | Mean | — | — | 44·1 | 36·3 |

TABLE II.

**KEW.** PRESSURE IN ENGLISH INCHES, First figure omitted. DECEMBER, 1908.

The readings are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for variation of gravity.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ins. 0·417 | ins. 0·413 | ins. 0·412 | ins. 0·403 | ins. 0·397 | ins. 0·395 | ins. 0·398 | ins. 0·400 | ins. 0·409 | ins. 0·415 | ins. 0·429 | ins. 0·426 | ins. 0·410 | ins. 0·394 | ins. 0·375 | ins. 0·370 | ins. 0·361 | ins. 0·366 | ins. 0·370 | ins. 0·375 | ins. 0·380 | ins. 0·386 | ins. 0·373 | ins. 0·368 | ins. 0·366 | ins. 0·392 |
| 2 | 0·366 | 0·354 | 0·346 | 0·344 | 0·346 | 0·335 | 0·336 | 0·344 | 0·347 | 0·347 | 0·346 | 0·338 | 0·315 | 0·299 | 0·291 | 0·286 | 0·282 | 0·282 | 0·281 | 0·274 | 0·278 | 0·279 | 0·274 | 0·272 | 0·272 | 0·313 |
| 3 | 0·272 | 0·260 | 0·260 | 0·252 | 0·252 | 0·252 | 0·254 | 0·264 | 0·265 | 0·270 | 0·279 | 0·275 | 0·272 | 0·260 | 0·245 | 0·247 | 0·254 | 0·261 | 0·266 | 0·276 | 0·282 | 0·286 | 0·289 | 0·288 | 0·288 | 0·266 |
| 4 | 0·288 | 0·278 | 0·277 | 0·268 | 0·272 | 0·280 | 0·284 | 0·287 | 0·288 | 0·294 | 0·304 | 0·296 | 0·285 | 0·273 | 0·257 | 0·260 | 0·260 | 0·267 | 0·272 | 0·271 | 0·273 | 0·269 | 0·265 | 0·257 | 0·241 | 0·275 |
| 5 | 0·241 | 0·244 | 0·246 | 0·240 | 0·233 | 0·225 | 0·223 | 0·227 | 0·231 | 0·234 | 0·227 | 0·213 | 0·195 | 0·178 | 0·167 | 0·160 | 0·161 | 0·154 | 0·139 | 0·130 | 0·129 | 0·121 | 0·107 | 0·092 | 0·091 | 0·191 |
| 6 | 0·092 | 0·078 | 0·071 | 0·063 | 0·049 | 0·029 | 0·029 | 0·027 | 0·023 | 0·018 | 0·031 | 0·019 | 0·003 | 9·981 | 9·963 | 9·963 | 9·973 | 9·967 | 9·971 | 9·967 | 9·966 | 9·966 | 9·964 | 9·957 | 9·965 | 0·004 |
| 7 | 9·965 | 9·965 | 9·967 | 9·973 | 9·987 | 9·999 | 0·017 | 0·041 | 0·068 | 0·090 | 0·117 | 0·132 | 0·124 | 0·134 | 0·139 | 0·147 | 0·168 | 0·178 | 0·180 | 0·180 | 0·180 | 0·168 | 0·164 | 0·147 | 0·126 | 0·096 |
| 8 | 0·126 | 0·110 | 0·100 | 0·084 | 0·056 | 0·028 | 0·003 | 9·985 | 9·969 | 9·954 | 9·947 | 9·917 | 9·890 | 9·862 | 9·829 | 9·799 | 9·780 | 9·757 | 9·739 | 9·718 | 9·708 | 9·700 | 9·693 | 9·690 | 9·687 | 9·884 |
| 9 | 9·687 | 9·682 | 9·680 | 9·682 | 9·684 | 9·680 | 9·681 | 9·676 | 9·693 | 9·696 | 9·697 | 9·693 | 9·680 | 9·674 | 9·674 | 9·681 | 9·687 | 9·685 | 9·692 | 9·689 | 9·685 | 9·688 | 9·671 | 9·658 | 9·641 | 9·682 |
| 10 | 9·641 | 9·613 | 9·584 | 9·533 | 9·475 | 9·425 | 9·349 | 9·293 | 9·212 | 9·134 | 9·067 | 9·017 | 8·978 | 8·956 | 8·949 | 8·916 | 8·886 | 8·852 | 8·828 | 8·810 | 8·808 | 8·806 | 8·812 | 8·823 | 8·823 | 9·098 |
| 11 | 8·823 | 8·820 | 8·816 | 8·800 | 8·778 | 8·756 | 8·729 | 8·722 | 8·742 | 8·784 | 8·823 | 8·855 | 8·881 | 8·909 | 8·934 | 8·962 | 8·995 | 9·026 | 9·055 | 9·078 | 9·100 | 9·126 | 9·139 | 9·148 | 9·164 | 8·915 |
| 12 | 9·164 | 9·174 | 9·190 | 9·214 | 9·250 | 9·290 | 9·320 | 9·364 | 9·402 | 9·440 | 9·480 | 9·485 | 9·528 | 9·527 | 9·561 | 9·599 | 9·617 | 9·634 | 9·659 | 9·665 | 9·669 | 9·679 | 9·676 | 9·661 | 9·649 | 9·479 |
| 13 | 9·649 | 9·626 | 9·610 | 9·585 | 9·553 | 9·522 | 9·503 | 9·495 | 9·492 | 9·499 | 9·508 | 9·497 | 9·475 | 9·471 | 9·464 | 9·467 | 9·468 | 9·483 | 9·514 | 9·525 | 9·534 | 9·544 | 9·565 | 9·567 | 9·562 | 9·524 |
| 14 | 9·562 | 9·560 | 9·562 | 9·549 | 9·544 | 9·540 | 9·534 | 9·526 | 9·518 | 9·510 | 9·530 | 9·498 | 9·480 | 9·451 | 9·425 | 9·412 | 9·405 | 9·402 | 9·398 | 9·385 | 9·378 | 9·363 | 9·338 | 9·323 | 9·305 | 9·461 |
| 15 | 9·305 | 9·302 | 9·308 | 9·317 | 9·311 | 9·316 | 9·322 | 9·327 | 9·337 | 9·354 | 9·376 | 9·378 | 9·368 | 9·361 | 9·365 | 9·371 | 9·383 | 9·393 | 9·409 | 9·423 | 9·439 | 9·451 | 9·473 | 9·490 | 9·503 | 9·374 |
| 16 | 9·503 | 9·496 | 9·508 | 9·515 | 9·525 | 9·533 | 9·547 | 9·559 | 9·575 | 9·589 | 9·602 | 9·594 | 9·586 | 9·584 | 9·580 | 9·576 | 9·569 | 9·570 | 9·570 | 9·568 | 9·568 | 9·552 | 9·539 | 9·532 | 9·508 | 9·556 |
| 17 | 9·508 | 9·486 | 9·474 | 9·457 | 9·447 | 9·432 | 9·424 | 9·418 | 9·396 | 9·381 | 9·376 | 9·380 | 9·363 | 9·359 | 9·343 | 9·341 | 9·345 | 9·348 | 9·355 | 9·359 | 9·366 | 9·371 | 9·386 | 9·401 | 9·408 | 9·394 |
| 18 | 9·408 | 9·416 | 9·445 | 9·461 | 9·479 | 9·493 | 9·527 | 9·558 | 9·601 | 9·635 | 9·664 | 9·676 | 9·699 | 9·719 | 9·754 | 9·765 | 9·803 | 9·833 | 9·870 | 9·902 | 9·934 | 9·951 | 9·973 | 9·979 | 9·997 | 9·702 |
| 19 | 9·997 | 0·015 | 0·017 | 0·027 | 0·030 | 0·035 | 0·043 | 0·059 | 0·077 | 0·080 | 0·097 | 0·105 | 0·081 | 0·082 | 0·074 | 0·081 | 0·081 | 0·086 | 0·091 | 0·110 | 0·130 | 0·133 | 0·134 | 0·140 | 0·146 | 0·078 |
| 20 | 0·146 | 0·156 | 0·162 | 0·164 | 0·154 | 0·152 | 0·154 | 0·168 | 0·176 | 0·186 | 0·198 | 0·203 | 0·190 | 0·189 | 0·197 | 0·210 | 0·221 | 0·229 | 0·228 | 0·242 | 0·257 | 0·267 | 0·268 | 0·276 | 0·274 | 0·202 |
| 21 | 0·274 | 0·279 | 0·289 | 0·289 | 0·277 | 0·271 | 0·273 | 0·279 | 0·295 | 0·311 | 0·323 | 0·320 | 0·313 | 0·303 | 0·293 | 0·289 | 0·292 | 0·295 | 0·297 | 0·303 | 0·310 | 0·305 | 0·299 | 0·302 | 0·292 | 0·295 |
| 22 | 0·292 | 0·289 | 0·289 | 0·287 | 0·273 | 0·263 | 0·258 | 0·262 | 0·281 | 0·283 | 0·284 | 0·279 | 0·257 | 0·239 | 0·233 | 0·233 | 0·226 | 0·229 | 0·231 | 0·229 | 0·237 | 0·231 | 0·223 | 0·222 | 0·217 | 0·254 |
| 23 | 0·217 | 0·215 | 0·203 | 0·201 | 0·190 | 0·181 | 0·175 | 0·186 | 0·199 | 0·205 | 0·208 | 0·203 | 0·183 | 0·174 | 0·166 | 0·168 | 0·160 | 0·154 | 0·152 | 0·146 | 0·144 | 0·136 | 0·129 | 0·126 | 0·122 | 0·174 |
| 24 | 0·122 | 0·110 | 0·106 | 0·092 | 0·075 | 0·058 | 0·045 | 0·047 | 0·048 | 0·046 | 0·046 | 0·031 | 9·997 | 9·975 | 9·963 | 9·960 | 9·951 | 9·941 | 9·930 | 9·932 | 9·923 | 9·915 | 9·913 | 9·907 | 9·909 | 0·001 |
| 25 | 9·909 | 9·915 | 9·925 | 9·931 | 9·927 | 9·931 | 9·941 | 9·953 | 9·971 | 9·989 | 9·997 | 0·014 | 0·018 | 0·018 | 0·030 | 0·037 | 0·053 | 0·058 | 0·058 | 0·069 | 0·073 | 0·074 | 0·068 | 0·075 | 0·067 | 0·005 |
| 26 | 0·067 | 0·055 | 0·057 | 0·049 | 0·040 | 0·029 | 0·024 | 0·021

**KEW.** TABLE III.—WIND.—DIRECTION (D) IN NUMBERS (8 = E. 16 = S. 24 = W. 32 = N.)

| DAYS. | 1. | | 2. | | 3. | | 4. | | 5. | | 6. | | 7. | | 8. | | 9. | | 10. | | 11. | | Noon. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. |
| 1 | — | 2 | 17 | 4 | 17 | 4 | — | 3 | — | 3 | 17 | 4 | — | 3 | — | 2 | 17 | 4 | 11 | 4 | — | 3 | 11 | 4 |
| 2 | — | 2 | — | 3 | 13 | 4 | — | 3 | — | 3 | — | 3 | — | 3 | — | 2 | 29 | 4 | — | 2 | — | 2 | — | 1 |
| 3 | 9 | 6 | 9 | 4 | 9 | 4 | 9 | 6 | 11 | 6 | 11 | 5 | 11 | 4 | 11 | 5 | 11 | 5 | — | 3 | — | 3 | — | 2 |
| 4 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | 17 | 4 | — | 2 | — | 2 |
| 5 | 23 | 4 | — | 2 | — | 2 | — | 3 | — | 2 | — | 3 | 23 | 4 | — | 3 | — | 3 | — | 3 | — | 2 | 18 | 4 |
| 6 | 17 | 4 | — | 3 | 17 | 6 | 17 | 7 | 17 | 8 | 17 | 7 | 17 | 6 | 17 | 7 | 17 | 6 | 24 | 6 | — | 1 | — | 1 |
| 7 | 31 | 4 | 31 | 4 | 31 | 4 | 31 | 5 | 32 | 5 | 32 | 5 | 32 | 6 | 32 | 6 | 31 | 5 | — | 3 | — | 3 | 27 | 4 |
| 8 | — | 2 | — | 1 | — | 3 | 20 | 4 | 20 | 4 | 20 | 6 | 20 | 6 | 20 | 10 | 18 | 13 | 18 | 14 | 18 | 18 | 18 | 18 |
| 9 | — | 2 | — | 2 | — | 3 | — | 2 | — | 1 | — | 2 | — | 2 | 25 | 4 | — | 2 | — | 2 | — | 2 | — | 2 |
| 10 | 18 | 7 | 18 | 9 | 16 | 9 | 17 | 12 | 16 | 13 | 16 | 18 | 17 | 18 | 16 | 23 | 16 | 25 | 16 | 22 | 19 | 16 | 20 | 15 |
| 11 | 22 | 9 | 21 | 11 | 22 | 12 | 21 | 10 | 19 | 10 | 20 | 6 | — | 2 | 19 | 4 | 27 | 5 | 28 | 7 | 27 | 12 | 28 | 15 |
| 12 | 25 | 15 | 25 | 15 | 26 | 21 | 27 | 19 | 27 | 22 | 27 | 21 | 28 | 18 | 27 | 16 | 27 | 18 | 28 | 18 | 29 | 20 | 27 | 14 |
| 13 | — | 3 | 18 | 5 | 13 | 6 | 13 | 6 | 16 | 10 | 16 | 12 | 17 | 7 | 17 | 7 | 17 | 4 | 17 | 7 | 17 | 7 | 18 | 7 |
| 14 | 19 | 4 | — | 2 | 19 | 4 | 17 | 6 | 17 | 7 | 17 | 6 | 17 | 7 | 17 | 7 | 17 | 8 | 17 | 7 | 15 | 7 | 17 | 10 |
| 15 | 18 | 15 | 18 | 15 | 18 | 12 | 18 | 15 | 18 | 13 | 19 | 10 | 18 | 11 | 18 | 13 | 17 | 12 | 17 | 15 | 17 | 12 | 17 | 12 |
| 16 | — | 3 | 15 | 4 | 15 | 4 | — | 3 | 15 | 4 | — | 3 | 12 | 4 | 12 | 4 | 12 | 4 | 12 | 4 | 8 | 4 | 12 | 4 |
| 17 | 16 | 10 | 16 | 10 | 17 | 10 | 18 | 8 | 17 | 7 | 17 | 10 | 16 | 10 | 16 | 13 | 16 | 15 | 16 | 18 | 17 | 11 | 17 | 10 |
| 18 | 19 | 4 | 19 | 4 | — | 3 | — | 2 | — | 3 | — | 2 | — | 2 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 5 | 19 | 4 |
| 19 | 25 | 4 | 22 | 4 | 22 | 4 | — | 3 | 22 | 4 | 22 | 4 | — | 3 | 24 | 7 | 24 | 5 | 24 | 4 | 21 | 4 | 21 | 6 |
| 20 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 15 | 4 | — | 3 | 15 | 4 | 15 | 4 | 15 | 7 | 15 | 8 |
| 21 | — | 2 | — | 2 | — | 3 | — | 2 | — | 2 | — | 2 | — | 3 | — | 3 | — | 3 | 17 | 4 | — | 3 | 17 | 4 |
| 22 | 16 | 6 | 16 | 5 | 16 | 6 | 16 | 7 | 16 | 6 | 16 | 4 | 16 | 4 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 5 | 16 | 7 |
| 23 | 18 | 4 | 18 | 5 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 4 | 18 | 4 | 13 | 4 | 13 | 5 | 13 | 4 | 14 | 6 |
| 24 | 10 | 7 | 10 | 7 | 11 | 9 | 11 | 9 | 10 | 9 | 12 | 11 | 10 | 9 | 11 | 9 | 10 | 9 | 9 | 9 | 9 | 8 | 11 | |
| 25 | 7 | 13 | 7 | 18 | 6 | 19 | 7 | 18 | 7 | 13 | 6 | 15 | 5 | 15 | 5 | 16 | 5 | 15 | 6 | 17 | 6 | 18 | 6 | 12 |
| 26 | 6 | 9 | 5 | 8 | 5 | 7 | 5 | 7 | 4 | 10 | 4 | 9 | 6 | 10 | 7 | 10 | 5 | 9 | 6 | 10 | 8 | 11 | 7 | 12 |
| 27 | — | 2 | — | 2 | — | 2 | 9 | 4 | 8 | 10 | 8 | 10 | 7 | 12 | 7 | 9 | 7 | 11 | 7 | 12 | 6 | 14 | 6 | 12 |
| 28 | 5 | 10 | 6 | 10 | 6 | 11 | 7 | 5 | 7 | 4 | 5 | 5 | 5 | 8 | 6 | 10 | 5 | 10 | 5 | 9 | 6 | 11 | 5 | 10 |
| 29 | 9 | 7 | 9 | 8 | 9 | 8 | 11 | 10 | 10 | 13 | 11 | 13 | 11 | 15 | 11 | 16 | 10 | 13 | 10 | 10 | 9 | 15 | 8 | 14 |
| 30 | — | 3 | 2 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | 26 | 4 | 26 | 4 | — | 3 | 23 | 4 | 23 | 4 |
| 31 | — | 2 | — | 3 | — | 2 | 23 | 6 | 23 | 4 | — | 3 | — | 2 | 17 | 8 | 17 | 10 | 16 | 10 | 16 | 7 | 16 | 7 |
| Mean ... | — | 5 | — | 6 | — | 6 | — | 6 | — | 7 | — | 7 | — | 7 | — | 8 | — | 8 | — | 8 | — | 8 | — | 8 |
| Mean, 1881–1905. | — | 7·3 | — | 7·5 | — | 7·3 | — | 7·4 | — | 7·3 | — | 7·3 | — | 7·5 | — | 7·6 | — | 7·8 | — | 8·1 | — | 8·9 | — | 9·4 |

These observations were obtained from a Robinson cup anemometer having cups 9 inches in diameter, carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results instead of 3·0, the factor used in corresponding tables till the end of 1904. No correction has been applied for friction. When the velocity is less than 4 miles per hour, the direction is omitted, the record not being trustworthy in very light airs.

**KEW.** TABLE IV.—RAINFALL IN ENGLISH INCHES. DECEMBER, 1908.

| DAYS. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Day.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 | ·03 | — | — | ·01 | — | — | — | ·07 |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | ·01 | — | ·02 | ·08 | ·06 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | ·20 |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·03 | ·03 | ·02 | ·09 |
| 9 | ·02 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·02 |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | ·01 | ·01 | — | — | ·17 |
| 11 | — | — | — | — | ·06 | ·05 | ·03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·14 |
| 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 | ·03 | ·08 | ·05 | — | — | — | — | — | — | — | — | — | ·01 | — | — | — | — | — | — | — | — | — | — | — | ·17 |
| 14 | — | — | — | — | — | ·03 | — | — | — | ·01 | — | — | — | ·03 | ·21 | ·04 | ·02 | — | — | — | ·01 | — | ·17 | ·03 | ·55 |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | ·01 | — | — | ·01 | — | ·01 | — | — | — | — | ·04 | ·03 | ·01 | — | — | — | — | — | — | — | — | — | — | ·11 |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 |
| 19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·01 | ·01 | ·01 | — | — | — | — | ·01 | ·04 |
| 20 | ·01 | ·01 | — | ·01 | ·01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·04 |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·03 |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·36 |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ·08 |
| Sum ... | ·06 | ·10 | ·05 | ·01 | ·08 | ·08 | ·05 | — | ·02 | ·09 | ·07 | ·08 | ·09 | ·05 | ·21 | ·04 | ·06 | ·04 | ·01 | — | ·04 | ·04 | ·20 | ·06 | 2·08 |
| Average 1871–1905. | ·076 | ·087 | ·090 | ·095 | ·094 | ·087 | ·071 | ·074 | ·085 | ·072 | ·063 | ·076 | ·074 | ·072 | ·093 | ·093 | ·074 | ·079 | ·085 | ·079 | ·078 | ·069 | ·074 | ·087 | 1·926 |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the daily totals.



AND VELOCITY (V) IN MILES PER HOUR, AS RECORDED BY THE ROBINSON ANEMOMETER. DECEMBER, 1908.

| 13. | | 14. | | 15. | | 16. | | 17. | | 18. | | 19. | | 20. | | 21. | | 22. | | 23. | | Midt. | | Mean. (Day.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | D. | V. | V. | |
| 11 | 4 | 11 | 4 | — | 2 | — | 2 | — | 1 | — | 2 | 11 | 5 | — | 3 | 11 | 4 | — | 3 | 11 | 4 | — | 3 | 3 | 1 |
| — | 2 | — | 1 | — | 2 | — | 3 | — | 3 | 30 | 4 | — | 2 | — | 2 | — | 2 | 6 | 4 | 6 | 4 | — | 3 | 3 | 2 |
| — | 3 | — | 2 | — | 2 | — | 3 | — | 3 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 3 | 3 | 3 |
| — | 2 | — | 2 | — | 1 | — | 1 | — | 3 | 17 | 4 | — | 3 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | 2 | 4 |
| 16 | 5 | 16 | 7 | 20 | 9 | 18 | 6 | 18 | 6 | 17 | 6 | 17 | 4 | 17 | 6 | 17 | 6 | — | 2 | 17 | 4 | 17 | 4 | 4 | 5 |
| — | 3 | 26 | 4 | — | 3 | 26 | 5 | 29 | 5 | 31 | 4 | — | 3 | 31 | 4 | 31 | 4 | — | 2 | 31 | 4 | — | 3 | 4 | 6 |
| 25 | 5 | 25 | 4 | 25 | 4 | 23 | 4 | 23 | 6 | 23 | 5 | 23 | 4 | 20 | 4 | 20 | 5 | 20 | 4 | — | 3 | — | 3 | 4 | 7 |
| 18 | 18 | 18 | 16 | 18 | 19 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 18 | 17 | 21 | 17 | 18 | 18 | 13 | 20 | 7 | 20 | 5 | 12 | 8 |
| 19 | 4 | 21 | 8 | 20 | 7 | 20 | 4 | 20 | 5 | 20 | 5 | 20 | 4 | 20 | 6 | 20 | 7 | 20 | 8 | 19 | 7 | 19 | 7 | 4 | 9 |
| 22 | 18 | 22 | 15 | 21 | 14 | 20 | 10 | 20 | 11 | 19 | 9 | 21 | 9 | 22 | 10 | 23 | 14 | 24 | 15 | 23 | 12 | 23 | 10 | 14 | 10 |
| 27 | 15 | 27 | 18 | 27 | 13 | 25 | 12 | 26 | 12 | 25 | 11 | 25 | 12 | 25 | 12 | 24 | 14 | 24 | 14 | 25 | 15 | 25 | 14 | 11 | 11 |
| 28 | 17 | 27 | 13 | 27 | 11 | 25 | 8 | 23 | 6 | 23 | 7 | 23 | 5 | 23 | 5 | 23 | 4 | 23 | 4 | 23 | 4 | 23 | 4 | 13 | 12 |
| 19 | 8 | 19 | 9 | 19 | 12 | 19 | 16 | 19 | 17 | 21 | 12 | 20 | 8 | 19 | 7 | 19 | 11 | 20 | 8 | 19 | 8 | 19 | 7 | 9 | 13 |
| 17 | 8 | 16 | 8 | 16 | 4 | 19 | 7 | 19 | 4 | 19 | 6 | 17 | 4 | 17 | 8 | 16 | 10 | 16 | 14 | 18 | 16 | 18 | 15 | 7 | 14 |
| 17 | 15 | 17 | 14 | 17 | 14 | 17 | 12 | 16 | 11 | 15 | 10 | 15 | 7 | 15 | 8 | 15 | 10 | 15 | 7 | 15 | 7 | 15 | 5 | 11 | 15 |
| 18 | 4 | 13 | 4 | 13 | 4 | 13 | 4 | 13 | 5 | 13 | 5 | 14 | 6 | — | 2 | 14 | 6 | 14 | 7 | 16 | 6 | 17 | 6 | 4 | 16 |
| 20 | 8 | 18 | 7 | 18 | 5 | 16 | 6 | 19 | 6 | 19 | 6 | 19 | 5 | 19 | 5 | 19 | 7 | 19 | 5 | 19 | 4 | 19 | 4 | 8 | 17 |
| 25 | 7 | 25 | 6 | 25 | 7 | 25 | 5 | 25 | 7 | 25 | 7 | 25 | 6 | 25 | 5 | 25 | 6 | 25 | 5 | 25 | 5 | 25 | 4 | 5 | 18 |
| 21 | 4 | 21 | 4 | — | 3 | — | 3 | — | 3 | — | 2 | — | 2 | 15 | 4 | 15 | 4 | 15 | 4 | — | 3 | — | 1 | 4 | 19 |
| 17 | 7 | 17 | 8 | 18 | 6 | 18 | 4 | 18 | 4 | 17 | 7 | 17 | 6 | 17 | 4 | 17 | 4 | — | 3 | — | 1 | — | 1 | 4 | 20 |
| 17 | 4 | 17 | 5 | 17 | 5 | 17 | 7 | 17 | 5 | 17 | 7 | 17 | 6 | 17 | 6 | 17 | 4 | 16 | 7 | 16 | 4 | 16 | 6 | 4 | 21 |
| 16 | 7 | 16 | 7 | 16 | 5 | 16 | 7 | 16 | 4 | 16 | 5 | 16 | 7 | 18 | 6 | 18 | 6 | 18 | 5 | 18 | 5 | 18 | 5 | 6 | 22 |
| 13 | 4 | 13 | 4 | 13 | 6 | 13 | 5 | 13 | 6 | 13 | 7 | 13 | 8 | 14 | 8 | 12 | 8 | 12 | 7 | 11 | 8 | 11 | 7 | 5 | 23 |
| 8 | 10 | 9 | 10 | 9 | 9 | 10 | 12 | 8 | 12 | 8 | 13 | 7 | 10 | 8 | 11 | 8 | 14 | 8 | 15 | 7 | 14 | 8 | 14 | 11 | 24 |
| 6 | 13 | 5 | 13 | 4 | 12 | 4 | 10 | 6 | 10 | 4 | 10 | 3 | 9 | 4 | 10 | 5 | 9 | 5 | 12 | 5 | 8 | 4 | 8 | 13 | 25 |
| 7 | 13 | 7 | 16 | 9 | 14 | 9 | 6 | 10 | 7 | 10 | 4 | 7 | 7 | 8 | 4 | 8 | 6 | 8 | 7 | 9 | 4 | — | 2 | 8 | 26 |
| 6 | 14 | 8 | 12 | 8 | 13 | 8 | 11 | 8 | 11 | 9 | 12 | 9 | 12 | 9 | 10 | 9 | 7 | 9 | 6 | 6 | 9 | 6 | 8 | 9 | 27 |
| 6 | 10 | 6 | 10 | 6 | 8 | 6 | 7 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 7 | 5 | 4 | 7 | 7 | 9 | 5 | 8 | 28 |
| 8 | 14 | 7 | 15 | 7 | 16 | 6 | 11 | 6 | 9 | 6 | 9 | 3 | 8 | 2 | 5 | 2 | 4 | 2 | 5 | 2 | 4 | 2 | 4 | 10 | 29 |
| — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 2 | — | 1 | — | 2 | — | 2 | — | 2 | — | 2 | 2 | 30 |
| 16 | 5 | — | 3 | — | 2 | 18 | 5 | 18 | 6 | — | 3 | — | 3 | — | 2 | 18 | 4 | 18 | 4 | 18 | 5 | 18 | 4 | 5 | 31 |
| — | 8 | — | 8 | — | 8 | — | 7 | — | 7 | — | 7 | — | 6 | — | 6 | — | 7 | — | 6 | — | 6 | — | 5 | 7 | |
| — | 9·5 | — | 9·3 | — | 8·6 | — | 8·0 | — | 7·9 | — | 7·9 | — | 7·8 | — | 7·8 | — | 7·8 | — | 7·5 | — | 7·6 | — | 7·6 | 7·9 | Mean, 1881–1905. |

**KEW.** TABLE V.—DURATION OF BRIGHT SUNSHINE IN HOURS. DECEMBER, 1908.

| DAYS. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | Day. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull throughout, with ≋⁰. |
| 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, cloudy to overcast. |
| 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Gloomy and misty all day. |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, overcast; ●⁰ in evening. |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty. |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ● A.M.; dull, with ≋⁰ all day. |
| 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, and overcast all day. |
| 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 9 | — | — | — | — | — | ·5 | 1·0 | 1·0 | ·2 | — | — | — | — | — | — | — | — | 2·7 | Fine to dull, with ● and ⫽⁰. |
| 10 | — | — | — | — | — | — | — | — | ·3 | ·7 | ·2 | — | — | — | — | — | — | 1·2 | Fair, but misty. |
| 11 | — | — | — | — | — | ·1 | ·9 | ·1 | ·5 | 1·0 | 1·0 | 1·0 | — | — | — | — | — | 4·6 | Dull morning, with ⫽⁰; finer later; ●. |
| 12 | — | — | — | — | — | — | ·4 | ·9 | ·5 | ·9 | ·5 | — | — | — | — | — | — | 3·2 | ● 5h.–7h., then fine. |
| 13 | — | — | — | — | — | — | — | — | ·5 | ·9 | ·1 | ·1 | — | — | — | — | — | 0·4 | Fine day; ≋⁰ in evening. |
| 14 | — | — | — | — | — | — | — | — | ·2 | — | — | — | — | — | — | — | — | — | ● early; dull most of day. |
| 15 | — | — | — | — | — | ·1 | ·5 | ·8 | ·7 | ·4 | — | — | — | — | — | — | — | 2·5 | Dull day, with ● and ≋⁰. |
| 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Fair. |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull and misty. |
| 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast to cloudy; ● occasionally. |
| 19 | — | — | — | — | — | ·9 | 1·0 | 1·0 | ·1 | ·1 | ·5 | — | — | — | — | — | — | 3·6 | Fine most of day, but ≋⁰. |
| 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast to gloomy-looking; ●⁰ P.M. |
| 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ●⁰ early, then dull and misty. |
| 22 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, and overcast all day. |
| 23 | — | — | — | — | — | — | — | — | ·2 | ·4 | ·7 | ·2 | — | — | — | — | — | 1·5 | ≋⁰; dull to fair. |
| 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, and ≋⁰, all day. |
| 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull throughout; ≋⁰. |
| 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast and gloomy, with ≋⁰. |
| 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull, with ≋⁰ most of day. |
| 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Overcast day; ≋⁰ and ✳⁰. |
| 29 | — | — | — | — | — | — | — | ·1 | ·1 | — | — | — | — | — | — | — | — | 0·2 | Cloudy and misty; mock-sun visible at |
| 30 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Dull day, with ≋⁰ and ✳. [14h. 45m. |
| 31 | — | — | — | — | — | — | — | — | — | ·8 | ·8 | — | — | — | — | — | — | 1·6 | Misty day; clearing somewhat 13h.–14h. |
| | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | ≋⁰, dull, and ●⁰ 11h.–14h. |
| | — | — | — | — | — | 0·7 | 3·7 | 3·9 | 3·9 | 4·9 | 4·1 | 2·2 | — | — | — | — | — | 23·4 | Total. |
| | — | — | — | — | — | 1·56 | 5·01 | 6·23 | 6·85 | 7·26 | 6·33 | 2·62 | — | — | — | — | — | 35·87 | Mean Total, 1881–1905. |

TABLE VI.

KEW. TEMPERATURE IN DEGREES FAHRENHEIT.—DRY-BULB. DECEMBER, 1908.

| DAYS. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Mean. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |
| 1 | 47·3 | 47·0 | 46·3 | 45·6 | 45·0 | 44·4 | 43·6 | 42·7 | 42·8 | 42·6 | 42·3 | 42·3 | 42·8 | 43·2 | 42·8 | 42·9 | 41·8 | 42·4 | 42·3 | 42·4 | 42·0 | 41·1 | 40·7 | 41·3 | 41·0 | 43·1 |
| 2 | 41·0 | 41·1 | 40·5 | 40·4 | 40·0 | 39·4 | 39·8 | 39·0 | 38·7 | 38·2 | 39·3 | 40·9 | 42·2 | 43·3 | 43·8 | 43·9 | 43·8 | 43·9 | 44·0 | 44·3 | 44·8 | 44·6 | 44·0 | 43·2 | 42·6 | 41·9 |
| 3 | 42·6 | 41·9 | 41·3 | 40·9 | 40·0 | 39·6 | 39·2 | 39·0 | 38·7 | 38·7 | 38·6 | 38·7 | 38·7 | 39·0 | 39·1 | 39·0 | 38·9 | 38·7 | 38·9 | 38·8 | 38·8 | 38·8 | 38·4 | 38·1 | 37·9 | 39·2 |
| 4 | 37·9 | 37·6 | 37·0 | 36·9 | 36·4 | 36·8 | 36·6 | 36·6 | 35·9 | 36·1 | 36·8 | 38·6 | 39·4 | 40·3 | 41·6 | 42·0 | 41·7 | 42·1 | 42·4 | 42·8 | 43·1 | 43·6 | 43·6 | 43·7 | 43·6 | 39·7 |
| 5 | 43·6 | 43·9 | 43·9 | 44·1 | 44·1 | 44·8 | 44·8 | 44·7 | 44·8 | 45·3 | 45·9 | 46·3 | 47·1 | 48·0 | 47·9 | 45·8 | 45·7 | 45·3 | 45·2 | 44·7 | 44·8 | 45·1 | 45·1 | 44·6 | 45·0 | 45·3 |
| 6 | 45·0 | 46·0 | 46·0 | 47·0 | 47·9 | 47·8 | 47·8 | 47·7 | 47·0 | 47·5 | 47·6 | 47·2 | 47·7 | 48·2 | 48·9 | 48·3 | 47·2 | 47·0 | 46·6 | 45·0 | 43·6 | 42·1 | 41·3 | 41·6 | 40·8 | 46·2 |
| 7 | 40·8 | 40·9 | 41·1 | 41·6 | 41·6 | 42·7 | 41·9 | 42·1 | 41·3 | 41·1 | 41·6 | 41·9 | 41·9 | 41·3 | 41·1 | 41·1 | 40·9 | 40·0 | 38·9 | 39·0 | 39·3 | 39·0 | 38·1 | 37·0 | 35·7 | 40·6 |
| 8 | 35·7 | 35·0 | 33·6 | 35·3 | 34·2 | 35·2 | 38·6 | 39·1 | 40·1 | 43·7 | 45·7 | 47·6 | 48·5 | 48·9 | 49·0 | 49·1 | 48·9 | 49·0 | 48·8 | 48·7 | 48·6 | 48·2 | 47·9 | 47·1 | 46·0 | 43·8 |
| 9 | 46·0 | 44·7 | 44·1 | 43·0 | 42·0 | 40·6 | 39·4 | 39·0 | 39·6 | 39·8 | 39·9 | 40·4 | 41·3 | 44·4 | 46·3 | 45·6 | 43·9 | 42·2 | 40·9 | 40·0 | 39·2 | 40·3 | 39·4 | 39·6 | 38·4 | 41·6 |
| 10 | 38·4 | 40·1 | 40·0 | 40·0 | 42·1 | 44·2 | 45·6 | 45·2 | 44·3 | 45·2 | 46·5 | 48·4 | 50·2 | 52·2 | 51·0 | 51·1 | 49·5 | 48·3 | 47·6 | 47·6 | 46·0 | 45·3 | 43·6 | 42·3 | 41·9 | 45·7 |
| 11 | 41·9 | 41·6 | 40·3 | 40·0 | 39·6 | 40·3 | 40·0 | 40·1 | 40·2 | 39·6 | 40·3 | 42·3 | 42·8 | 44·1 | 44·2 | 44·0 | 42·7 | 42·7 | 41·6 | 42·3 | 41·1 | 41·3 | 40·6 | 41·4 | 41·3 | 41·4 |
| 12 | 41·3 | 41·0 | 41·3 | 43·3 | 43·7 | 44·0 | 44·4 | 44·0 | 43·8 | 43·7 | 43·2 | 43·9 | 43·9 | 45·0 | 45·0 | 44·1 | 42·7 | 40·6 | 39·3 | 38·4 | 37·2 | 37·0 | 37·1 | 37·5 | 38·0 | 41·8 |
| 13 | 38·0 | 39·1 | 39·1 | 38·9 | 39·4 | 42·8 | 44·0 | 45·2 | 46·1 | 47·1 | 49·5 | 50·2 | 51·1 | 52·0 | 52·1 | 52·0 | 51·1 | 51·0 | 49·3 | 46·9 | 47·0 | 48·0 | 48·0 | 48·0 | 47·9 | 46·7 |
| 14 | 47·9 | 46·7 | 45·2 | 45·1 | 47·8 | 48·0 | 47·9 | 48·1 | 48·0 | 48·6 | 48·8 | 49·8 | 50·3 | 50·6 | 49·9 | 49·3 | 48·5 | 48·2 | 47·6 | 46·8 | 47·1 | 47·9 | 49·0 | 49·0 | 46·0 | 48·1 |
| 15 | 46·0 | 46·8 | 46·3 | 46·5 | 46·3 | 45·8 | 45·0 | 45·0 | 45·0 | 46·7 | 47·7 | 49·0 | 49·3 | 50·6 | 50·0 | 49·7 | 49·4 | 49·0 | 48·3 | 47·9 | 47·1 | 47·8 | 47·7 | 47·8 | 47·1 | 47·5 |
| 16 | 47·1 | 46·3 | 44·5 | 42·8 | 42·3 | 40·2 | 42·0 | 44·3 | 44·1 | 44·5 | 45·0 | 47·0 | 48·3 | 48·6 | 48·9 | 49·0 | 48·9 | 47·8 | 46·7 | 46·4 | 46·0 | 47·6 | 48·5 | 48·7 | 48·9 | 46·1 |
| 17 | 48·9 | 49·8 | 50·0 | 49·3 | 49·0 | 48·8 | 48·8 | 47·9 | 47·0 | 47·7 | 49·6 | 50·3 | 50·4 | 49·2 | 49·8 | 49·0 | 48·4 | 47·9 | 47·2 | 46·3 | 45·8 | 46·0 | 45·0 | 44·1 | 42·6 | 48·0 |
| 18 | 42·6 | 41·5 | 40·2 | 39·5 | 38·0 | 38·0 | 35·3 | 36·0 | 35·5 | 36·8 | 38·0 | 40·5 | 42·3 | 45·6 | 46·0 | 46·0 | 44·9 | 43·4 | 42·7 | 41·5 | 40·3 | 39·0 | 38·6 | 37·8 | 37·9 | 40·3 |
| 19 | 37·9 | 39·0 | 39·3 | 39·5 | 40·0 | 40·3 | 40·4 | 41·0 | 41·9 | 42·3 | 42·8 | 43·7 | 44·1 | 44·4 | 44·8 | 44·7 | 44·3 | 44·0 | 43·9 | 44·0 | 44·0 | 44·0 | 44·0 | 44·0 | 43·8 | 42·6 |
| 20 | 43·8 | 43·6 | 43·7 | 44·0 | 44·1 | 44·5 | 45·3 | 45·8 | 46·0 | 46·6 | 47·0 | 47·6 | 48·4 | 48·7 | 49·4 | 49·1 | 48·5 | 48·5 | 48·4 | 48·0 | 47·4 | 47·5 | 47·8 | 47·6 | 46·9 | 46·8 |
| 21 | 46·9 | 47·1 | 47·6 | 47·6 | 47·6 | 47·2 | 47·1 | 47·4 | 47·5 | 48·1 | 48·8 | 49·8 | 50·1 | 51·0 | 50·9 | 50·3 | 49·6 | 49·0 | 48·0 | 47·8 | 47·4 | 47·6 | 46·2 | 46·0 | 45·9 | 48·1 |
| 22 | 45·9 | 45·7 | 45·2 | 44·5 | 43·8 | 42·9 | 42·9 | 43·1 | 42·9 | 42·6 | 42·9 | 43·4 | 44·9 | 43·4 | 43·6 | 42·9 | 40·3 | 40·0 | 41·3 | 41·9 | 42·0 | 42·1 | 42·0 | 42·0 | 42·0 | 42·9 |
| 23 | 42·0 | 41·8 | 41·6 | 41·2 | 41·0 | 40·9 | 40·4 | 40·0 | 40·3 | 40·0 | 41·4 | 41·2 | 41·1 | 41·2 | 40·9 | 40·6 | 40·0 | 39·9 | 39·5 | 39·1 | 38·2 | 37·9 | 37·7 | 37·4 | 37·0 | 40·2 |
| 24 | 37·0 | 36·7 | 36·8 | 36·8 | 36·3 | 36·4 | 36·3 | 36·5 | 36·5 | 36·7 | 36·9 | 37·3 | 37·7 | 38·2 | 38·6 | 38·4 | 38·0 | 38·0 | 38·0 | 38·0 | 38·3 | 37·9 | 37·3 | 38·0 | 38·3 | 37·4 |
| 25 | 38·3 | 38·7 | 39·2 | 39·8 | 39·9 | 39·4 | 39·6 | 39·7 | 39·8 | 39·7 | 39·4 | 39·6 | 39·6 | 40·0 | 40·0 | 39·8 | 39·1 | 39·0 | 38·2 | 38·1 | 37·3 | 37·4 | 37·1 | 37·1 | 37·4 | 39·0 |
| 26 | 37·4 | 37·4 | 37·9 | 37·9 | 38·0 | 37·8 | 37·3 | 37·3 | 37·4 | 37·6 | 37·7 | 37·6 | 37·0 | 36·9 | 36·3 | 35·9 | 35·4 | 35·7 | 35·7 | 36·1 | 36·0 | 36·0 | 36·1 | 35·9 | 35·4 | 36·8 |
| 27 | 35·4 | 35·6 | 35·0 | 34·9 | 34·6 | 35·0 | 34·8 | 34·1 | 33·4 | 33·7 | 33·3 | 33·7 | 33·7 | 32·4 | 32·3 | 32·0 | 31·4 | 30·7 | 30·1 | 29·3 | 28·2 | 28·1 | 28·3 | 28·1 | 27·6 | 32·3 |
| 28 | 27·6 | 28·5 | 28·1 | 28·0 | 25·4 | 26·1 | 26·7 | 27·0 | 26·0 | 28·0 | 27·4 | 27·7 | 28·2 | 28·8 | 28·7 | 28·9 | 27·9 | 28·0 | 28·0 | 27·7 | 27·0 | 27·0 | 27·5 | 27·7 | 27·0 | 27·6 |
| 29 | 27·0 | 26·6 | 27·1 | 26·7 | 26·1 | 26·0 | 25·5 | 25·5 | 24·5 | 22·7 | 23·0 | 22·8 | 22·4 | 22·5 | 22·1 | 22·0 | 22·3 | 23·0 | 23·4 | 23·0 | 22·9 | 22·4 | 23·0 | 22·6 | 22·9 | 23·9 |
| 30 | 22·9 | 21·5 | 21·2 | 22·5 | 21·9 | 19·2 | 19·2 | 17·5 | 15·2 | 17·0 | 17·1 | 20·2 | 21·4 | 24·1 | 24·9 | 26·0 | 22·1 | 22·1 | 19·7 | 19·0 | 18·0 | 19·9 | 22·0 | 21·0 | 22·0 | 20·7 |
| 31 | 22·7 | 24·9 | 26·1 | 28·0 | 28·3 | 28·4 | 29·6 | 31·0 | 34·6 | 36·4 | 37·1 | 37·9 | 38·0 | 38·5 | 39·3 | 39·9 | 39·7 | 39·6 | 40·1 | 39·8 | 39·0 | 39·0 | 39·4 | 40·5 | 41·3 | 35·3 |
| Mean ... | 39·9 | 39·9 | 39·7 | 39·7 | 39·6 | 39·6 | 39·7 | 39·7 | 39·7 | 40·1 | 40·7 | 41·5 | 42·1 | 42·7 | 42·9 | 42·7 | 41·9 | 41·5 | 41·1 | 40·7 | 40·2 | 40·3 | 40·1 | 40·0 | 39·7 | 40·7 |
| Mean, 1871-1905. | 38·8 | 38·7 | 38·5 | 38·5 | 38·3 | 38·3 | 38·3 | 38·4 | 38·3 | 38·8 | 39·5 | 40·6 | 41·4 | 42·0 | 42·1 | 41·8 | 41·1 | 40·6 | 40·2 | 39·9 | 39·5 | 39·3 | 39·1 | 38·9 | 38·7 | 39·6 |

TABLE VII.

KEW. RELATIVE HUMIDITY IN PER-CENTAGES (SATURATION=100). DECEMBER, 1908.

| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 96 | 94 | 95 | 96 | 95 | 96 | 95 | 94 | 97 | 95 | 97 | 93 | 92 | 90 | 91 | 91 | 93 | 92 | 92 | 91 | 94 | 96 | 95 | 94 | 92 | 93·8 |
| 2 | 92 | 91 | 91 | 90 | 90 | 89 | 90 | 87 | 88 | 86 | 86 | 83 | 84 | 82 | 82 | 84 | 80 | 82 | 81 | 83 | 80 | 82 | 81 | 83 | 82 | 85·1 |
| 3 | 82 | 84 | 82 | 83 | 84 | 81 | 82 | 83 | 85 | 84 | 85 | 85 | 85 | 83 | 83 | 83 | 85 | 84 | 85 | 84 | 86 | 80 | 81 | 82 | 84 | 83·4 |
| 4 | 84 | 81 | 83 | 84 | 87 | 85 | 89 | 88 | 92 | 91 | 91 | 87 | 89 | 89 | 87 | 89 | 94 | 93 | 96 | 95 | 96 | 95 | 95 | 95 | 96 | 90·0 |
| 5 | 96 | 98 | 98 | 97 | 98 | 96 | 98 | 96 | 97 | 98 | 97 | 96 | 94 | 92 | 92 | 94 | 95 | 94 | 94 | 94 | 95 | 96 | 98 | 95 | 95 | 95·7 |
| 6 | 95 | 94 | 94 | 93 | 91 | 90 | 89 | 91 | 93 | 91 | 94 | 97 | 96 | 98 | 95 | 95 | 96 | 89 | 89 | 93 | 95 | 95 | 98 | 95 | 94 | 93·6 |
| 7 | 94 | 94 | 95 | 95 | 95 | 93 | 93 | 91 | 91 | 91 | 93 | 91 | 92 | 90 | 91 | 91 | 93 | 94 | 94 | 94 | 97 | 94 | 95 | 94 | 94 | 93·1 |
| 8 | 94 | 93 | 93 | 92 | 90 | 92 | 91 | 90 | 90 | 84 | 83 | 81 | 81 | 80 | 77 | 77 | 78 | 80 | 81 | 83 | 86 | 91 | 94 | 94 | 95 | 86·5 |
| 9 | 95 | 89 | 91 | 95 | 95 | 95 | 97 | 94 | 97 | 94 | 95 | 96 | 96 | 89 | 81 | 85 | 85 | 89 | 92 | 92 | 92 | 92 | 88 | 84 | 85 | 91·3 |
| 10 | 85 | 83 | 86 | 83 | 85 | 88 | 85 | 87 | 90 | 90 | 90 | 92 | 91 | 77 | 80 | 73 | 81 | 85 | 86 | 83 | 84 | 81 | 82 | 78 | 79 | 84·3 |
| 11 | 79 | 78 | 84 | 84 | 85 | 84 | 91 | 91 | 90 | 91 | 87 | 82 | 78 | 68 | 63 | 64 | 69 | 72 | 76 | 72 | 75 | 74 | 71 | 66 | 68 | 77·8 |
| 12 | 68 | 70 | 73 | 69 | 67 | 65 | 65 | 65 | 65 | 65 | 64 | 60 | 64 | 62 | 64 | 66 | 70 | 74 | 77 | 75 | 80 | 81 | 83 | 82 | 84 | 70·1 |
| 13 | 84 | 83 | 86 | 91 | 95 | 93 | 92 | 94 | 96 | 97 | 96 | 97 | 95 | 92 | 91 | 87 | 83 | 83 | 85 | 89 | 88 | 87 | 89 | 90 | 91 | 90·3 |
| 14 | 91 | 89 | 97 | 95 | 94 | 93 | 93 | 94 | 94 | 93 | 92 | 91 | 90 | 90 | 93 | 95 | 96 | 96 | 95 | 94 | 94 | 90 | 87 | 86 | 87 | 92·5 |
| 15 | 87 | 89 | 88 | 87 | 84 | 86 | 86 | 86 | 85 | 84 | 81 | 82 | 79 | 81 | 82 | 81 | 82 | 85 | 86 | 87 | 89 | 87 | 87 | 87 | 91 | 85·0 |
| 16 | 91 | 91 | 94 | 93 | 97 | 95 | 97 | 95 | 95 | 95 | 94 | 93 | 93 | 93 | 93 | 92 | 93 | 93 | 94 | 94 | 94 | 92 | 90 | 90 | 91 | 93·4 |
| 17 | 91 | 87 | 90 | 94 | 92 | 90 | 88 | 87 | 87 | 92 | 89 | 90 | 90 | 90 | 89 | 91 | 90 | 92 | 94 | 91 | 94 | 93 | 89 | 89 | 91 | 90·3 |
| 18 | 91 | 90 | 92 | 94 | 91 | 96 | 97 | 92 | 95 | 93 | 91 | 88 | 89 | 79 | 80 | 81 | 82 | 83 | 80 | 81 | 83 | 85 | 85 | 85 | 84 | 87·5 |
| 19 | 84 | 83 | 84 | 83 | 84 | 84 | 84 | 84 | 85 | 86 | 88 | 87 | 91 | 90 | 91 | 92 | 94 | 95 | 95 | 95 | 95 | 96 | 96 | 94 | 96 | 89·4 |
| 20 | 96 | 96 | 96 | 95 | 97 | 96 | 96 | 95 | 95 | 94 | 94 | 94 | 92 | 95 | 92 | 94 | 97 | 97 | 95 | 94 | 96 | 96 | 95 | 96 | 98 | 95·2 |
| 21 | 98 | 98 | 97 | 97 | 96 | 98 | 97 | 96 | 94 | 94 | 93 | 93 | 93 | 91 | 91 | 91 | 93 | 93 | 93 | 92 | 93 | 91 | 92 | 92 | 94 | 94·0 |
| 22 | 94 | 93 | 93 | 91 | 92 | 93 | 92 | 90 | 87 | 86 | 85 | 84 | 86 | 81 | 80 | 83 | 85 | 86 | 85 | 86 | 86 | 85 | 85 | 85 | 84 | 87·0 |
| 23 | 84 | 85 | 83 | 84 | 84 | 85 | 86 | 87 | 85 | 83 | 81 | 78 | 77 | 79 | 80 | 80 | 81 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 82·6 |
| 24 | 83 | 83 | 84 | 83 | 85 | 84 | 85 | 82 | 82 | 81 | 84 | 81 | 79 | 79 | 79 | 81 | 81 | 81 | 83 | 84 | 85 | 85 | 88 | 86 | 87 | 82·9 |
| 25 | 87 | 86 | 85 | 83 | 83 | 84 | 83 | 81 | 81 | 80 | 81 | 80 | 81 | 78 | 78 | 78 | 80 | 81 | 82 | 80 | 81 | 81 | 81 | 82 | 82 | 81·5 |
| 26 | 82 | 82 | 81 | 83 | 82 | 82 | 83 | 81 | 80 | 78 | 77 | 77 | 77 | 76 | 75 | 76 | 78 | 75 | 74 | 72 | 75 | 75 | 75 | 77 | 78 | 78·0 |
| 27 | 78 | 80 | 80 | 81 | 82 | 72 | 69 | 73 | 70 | 69 | 75 | 79 | 80 | 76 | 74 | 65 | 69 | 72 | 68 | 74 | 70 | 66 | 74 | 72 | 75 | 73·6 |
| 28 | 75 | 47 | 48 | 50 | 48 | 44 | 49 | 46 | 43 | 38 | 41 | 40 | 37 | 36 | 37 | 37 | 35 | 36 | 38 | 33 | 36 | 39 | 50 | 49 | 52 | 42·5 |
| 29 | 52 | 56 | 45 | 44 | 56 | 52 | 51 | 53 | 43 | 71 | 63 | 72 | 68 | 71 | 69 | 71 | 72 | 65 | 64 | 65 | 61 | 68 | 65 | 71 | 61 | 61·3 |
| 30 | 61 | 72 | 71 | 62 | 74 | 84 | 81 | 82 | 93 | 68 | 72 | 58 | 58 | 46 | 54 | 46 | 62 | 69 | 100 | 80 | 90 | 66 | 69 | 58 | 58 | 69·8 |
| 31 | 58 | 55 | 57 | 61 | 68 | 68 | 72 | 77 | 70 | 68 | 69 | 85 | 91 | 92 | 94 | 93 | 95 | 96 | 93 | 95 | 95 | 94 | 95 | 96 | 97 | 81·5 |
| Mean ... | 84·7 | 83·7 | 84·4 | 84·3 | 85·4 | 84·9 | 85·4 | 84·9 | 85·1 | 84·2 | 84·2 | 83·6 | 83·5 | 81·1 | 80·9 | 80·8 | 82·8 | 83·5 | 84·8 | 84·1 | 85·4 | 84·4 | 85·0 | 84·2 | 84·8 | 84·0 |
| Mean, 1886-1905. | 88·6 | 88·2 | 88·7 | 88·2 | 88·6 | 88·5 | 88·9 | 88·1 | 88·6 | 87·8 | 87·1 | 85·0 | 83·5 | 82·3 | 81·5 | 82·5 | 84·5 | 85·6 | 86·6 | 86·8 | 87·4 | 87·4 | 88·1 | 88·0 | 88·6 | 86·7 |



# YEARLY VALUES.

Hourly Means of Pressure, Temperature, Relative Humidity, and Wind Velocity, and Hourly Totals of Rainfall, and Sunshine, for the Year 1908, together with the corresponding average values, for the following four Observatories :—Valencia, Aberdeen, Falmouth, and Kew.

| Observatories | Geographical Position. | | Height of Barometer Cistern above Mean Sea Level. | Height of Thermometers above Ground. | Rain-gauge. | | Height of Sunshine Recorder above Ground. |
|---|---|---|---|---|---|---|---|
| | Latitude. | Longitude. | | | Height above Ground. | Height above Mean Sea Level. | |
| Valencia ... ... | 51° 56′ N. | 10° 15′ W. | 45 feet | 4 feet | 1 foot 10 inches | 32 feet | 42 feet |
| Aberdeen ... | 57° 10′ N. | 2° 6′ W. | 88 „ | 41 „ | 2 feet | 48 „ | 75 „ |
| Falmouth ... | 50° 9′ N. | 5° 4′ W. | 183 „ | 4 „ | 2 „ | 169 „ | 34 „ |
| Kew ... ... | 51° 28′ N. | 0° 19′ W. | 34 „ | 10 „ „ | 1 foot 9 inches | 20 „ | 47 „ |

PRESSURE.—The Pressure is given in English Inches, the first figure being omitted. The values are corrected for temperature, but are not reduced to Mean Sea Level nor corrected for the effect of gravity. (See Preface, p. xi.).

TEMPERATURE.—The Temperature is given in degrees Fahrenheit.

RELATIVE HUMIDITY.—The Relative Humidity is given in percentages (Saturation=100).

WIND VELOCITY.—The Velocity of the Wind is given in miles per hour as obtained from the records of a Robinson Cup Anemometer, having cups 9 inches in diameter carried on arms measuring 2 feet from the centre of the cup to the spindle. The factor 2·2 has been used in tabulating the results. The heights of the Anemometers above the general surface of the ground are :—Valencia, 45 ft.; Aberdeen, 72 ft.; Falmouth, 41 ft.; Kew, 70 ft.

RAINFALL.—The Rainfall is given in English inches, as recorded by a Beckley self-registering gauge.

SUNSHINE.—The Sunshine table gives the total duration of Bright Sunshine in decimal fractions of an hour for each hour of the day, as recorded by a Campbell-Stokes recorder.

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HOURLY MEANS OF PRESSURE, TEMPERATURE, RELATIVE HUMIDITY, AND WIND

## VALENCIA.

| 1908. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pressure ... ... ... ... | 9·947 | 9·944 | 9·939 | 9·934 | 9·928 | 9·926 | 9·926 | 9·930 | 9·933 | 9·939 | 9·941 | 9·943 |
| ,, Mean, 1871–1905 ... | *9·897* | *9·892* | *9·887* | *9·882* | *9·877* | *9·876* | *9·878* | *9·882* | *9·888* | *9·892* | *9·897* | *9·899* |
| Temperature, Dry Bulb ... ... | 50·4 | 50·3 | 50·0 | 50·0 | 49·7 | 49·7 | 49·7 | 50·3 | 50·9 | 51·8 | 52·5 | 53·4 |
| ,, ,, Mean, 1871–1905 | *49·4* | *49·3* | *49·1* | *49·0* | *48·8* | *48·8* | *48·8* | *49·3* | *49·9* | *50·9* | *51·7* | *52·6* |
| Relative Humidity ... ... | 87·8 | 87·9 | 88·5 | 88·4 | 89·1 | 88·7 | 88·7 | 88·1 | 87·4 | 85·9 | 84·2 | 83·0 |
| ,, Mean, 1886–1905 | *86·9* | *87·1* | *87·3* | *87·5* | *87·6* | *87·6* | *87·5* | *87·0* | *85·8* | *84·0* | *82·5* | *80·6* |
| Wind Velocity ... ... ... | — | 11·4 | 11·1 | 11·0 | 10·9 | 11·0 | 10·9 | 11·3 | 11·5 | 12·0 | 12·1 | 12·5 |
| ,, ,, Mean, 1881–1905... | — | *11·2* | *11·1* | *11·1* | *11·0* | *11·0* | *11·1* | *11·1* | *11·6* | *12·2* | *12·5* | *12·6* |
| Rainfall (Yearly Total)... ... | — | 1·60 | 1·28 | 1·79 | 2·27 | 2·41 | 2·25 | 2·81 | 3·02 | 3·01 | 2·30 | 2·35 |
| ,, (Mean Yearly Total, 1871–1905). | — | *2·567* | *2·490* | *2·630* | *2·656* | *2·674* | *2·552* | *2·655* | *2·535* | *2·488* | *2·239* | *2·038* |
| Sunshine (Yearly Amount) ... | — | — | — | — | 0·70 | 13·00 | 35·10 | 51·60 | 69·40 | 91·40 | 115·00 | 121·90 |
| ,, (Mean Yearly Amount, 1881–1905). | — | — | — | — | *0·62* | *15·42* | *40·56* | *64·91* | *91·93* | *121·43* | *141·43* | *148·62* |

## ABERDEEN.

| 1908. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pressure ... ... ... ... | 9·806 | 9·800 | 9·799 | 9·793 | 9·789 | 9·788 | 9·791 | 9·793 | 9·799 | 9·801 | 9·803 | 9·801 |
| ,, Mean, 1871–1905 ... | *9·758* | *9·753* | *9·750* | *9·745* | *9·742* | *9·741* | *9·744* | *9·747* | *9·752* | *9·754* | *9·757* | *9·757* |
| Temperature, Dry Bulb ... ... | 45·1 | 44·9 | 44·7 | 44·6 | 44·4 | 44·6 | 45·0 | 45·6 | 46·3 | 47·2 | 48·0 | 48·9 |
| ,, ,, Mean, 1871–1905 | *44·2* | *43·9* | *43·7* | *43·5* | *43·3* | *43·5* | *43·9* | *44·6* | *45·3* | *46·3* | *47·1* | *47·9* |
| Relative Humidity ... ... | 84·4 | 84·9 | 85·2 | 85·5 | 85·6 | 85·6 | 84·6 | 83·7 | 82·2 | 80·5 | 78·8 | 77·6 |
| ,, Mean, 1886–1905. | *83·0* | *83·4* | *83·7* | *83·9* | *84·2* | *84·0* | *83·2* | *81·8* | *80·1* | *78·3* | *76·5* | *75·1* |
| Wind Velocity ... ... ... | — | 7·1 | 7·2 | 7·2 | 7·1 | 7·0 | 7·3 | 7·6 | 8·0 | 8·5 | 9·0 | 9·5 |
| ,, ,, Mean, 1881–1905 .. | — | *7·8* | *7·7* | *7·7* | *7·7* | *7·8* | *8·0* | *8·4* | *9·0* | *9·6* | *9·9* | *10·4* |
| Rainfall (Yearly Total) ... ... | — | 0·99 | 0·90 | 0·87 | 1·14 | 0·74 | 0·72 | 1·03 | 1·00 | 0·74 | 0·97 | 0·92 |
| ,, (Mean Yearly Total, 1871–1905). | — | *1·198* | *1·259* | *1·228* | *1·386* | *1·405* | *1·448* | *1·495* | *1·419* | *1·428* | *1·448* | *1·137* |
| Sunshine (Yearly Amount) ... | — | — | — | — | 6·20 | 24·10 | 36·70 | 52·00 | 71·00 | 91·90 | 122·50 | 136·00 |
| ,, (Mean Yearly Amount, 1881–1905). | — | — | — | — | *3·33* | *20·41* | *39·50* | *59·55* | *83·30* | *108·88* | *129·96* | *139·26* |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the yearly total. In preparing the long-period means, however, an approximate allocation of such falls to their proper hours has been made.



VELOCITY, AND HOURLY TOTALS OF RAINFALL AND SUNSHINE, FOR THE YEAR.

## VALENCIA.

| Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9·941 | 9·938 | 9·933 | 9·931 | 9·929 | 9·931 | 9·935 | 9·941 | 9·945 | 9·950 | 9·952 | 9·951 | 9·948 | 9·938 |
| *9·898* | *9·894* | *9·890* | *9·886* | *9·886* | *9·886* | *9·889* | *9·892* | *9·896* | *9·899* | *9·900* | *9·898* | *9·897* | *9·890* |
| 53·8 | 54·3 | 54·3 | 54·4 | 54·2 | 53·8 | 52·9 | 52·3 | 51·6 | 51·2 | 50·8 | 50·7 | 50·4 | 51·8 |
| *53·1* | *53·6* | *53·7* | *53·7* | *53·4* | *52·9* | *52·1* | *51·5* | *50·8* | *50·3* | *49·9* | *49·7* | *49·4* | *50·9* |
| 81·9 | 81·2 | 80·8 | 80·9 | 80·9 | 81·3 | 82·8 | 83·9 | 85·5 | 86·1 | 86·8 | 87·2 | 87·8 | 85·3 |
| *79·6* | *78·9* | *78·5* | *78·6* | *79·1* | *79·9* | *81·5* | *83·0* | *84·4* | *85·5* | *86·1* | *86·6* | *86·9* | *83·9* |
| 13·5 | 14·4 | 14·6 | 14·4 | 14·3 | 13·8 | 13·2 | 12·7 | 12·3 | 11·9 | 11·8 | 11·9 | 11·8 | 12·3 |
| *14·0* | *14·4* | *14·4* | *14·4* | *14·1* | *13·6* | *13·0* | *12·3* | *11·7* | *11·4* | *11·3* | *11·2* | *11·3* | *12·2* |
| 1·95 | 2·03 | 2·01 | 1·98 | 1·55 | 1·59 | 1·70 | 1·66 | 2·40 | 1·62 | 1·82 | 3·11 | 1·85 | 50·36* |
| *2·257* | *2·103* | *2·083* | *2·135* | *2·110* | *2·293* | *2·306* | *2·357* | *2·383* | *2·318* | *2·382* | *2·407* | *2·489* | *57·145* |
| 135·35 | 145·25 | 132·55 | 129·35 | 107·35 | 88·85 | 59·85 | 30·30 | 3·70 | — | — | — | — | 1330·65 |
| *151·09* | *150·60* | *145·37* | *129·50* | *104·88* | *77·28* | *50·12* | *23·48* | *1·78* | — | — | — | — | *1459·01* |

## ABERDEEN.

| Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9·800 | 9·795 | 9·794 | 9·791 | 9·794 | 9·795 | 9·801 | 9·804 | 9·809 | 9·809 | 9·810 | 9·808 | 9·807 | 9·799 |
| *9·755* | *9·751* | *9·749* | *9·747* | *9·747* | *9·747* | *9·752* | *9·755* | *9·759* | *9·760* | *9·761* | *9·759* | *9·758* | *9·752* |
| 49·4 | 49·8 | 49·9 | 49·6 | 49·1 | 48·6 | 47·8 | 47·2 | 46·5 | 46·1 | 45·7 | 45·5 | 45·1 | 46·8 |
| *48·4* | *48·8* | *48·8* | *48·7* | *48·2* | *47·7* | *47·1* | *46·5* | *45·8* | *45·3* | *44·8* | *44·5* | *44·2* | *45·9* |
| 76·3 | 76·0 | 75·6 | 76·2 | 77·5 | 78·2 | 79·5 | 81·0 | 82·1 | 82·9 | 83·6 | 84·1 | 84·4 | 81·3 |
| *73·9* | *73·5* | *73·4* | *74·1* | *74·9* | *76·2* | *77·5* | *79·0* | *80·3* | *81·3* | *82·0* | *82·6* | *83·0* | *79·4* |
| 10·0 | 10·2 | 10·0 | 9·9 | 9·3 | 9·0 | 8·7 | 8·3 | 8·1 | 7·9 | 7·6 | 7·4 | 7·2 | 8·3 |
| *10·8* | *10·9* | *10·7* | *10·5* | *10·0* | *9·5* | *9·0* | *8·5* | *8·1* | *7·9* | *7·8* | *7·8* | *7·8* | *8·9* |
| 0·82 | 0·79 | 0·59 | 0·97 | 1·07 | 1·09 | 0·99 | 1·49 | 1·21 | 1·23 | 1·41 | 1·38 | 1·11 | 27·98* |
| *1·193* | *1·365* | *1·288* | *1·371* | *1·354* | *1·424* | *1·332* | *1·239* | *1·224* | *1·277* | *1·227* | *1·197* | *1·195* | *31·535* |
| 139·40 | 151·80 | 140·50 | 112·70 | 83·90 | 61·60 | 40·90 | 26·20 | 6·10 | — | — | — | — | 1303·50 |
| *143·39* | *141·56* | *133·20* | *111·95* | *89·18* | *65·35* | *42·39* | *22·85* | *4·49* | — | — | — | — | *1338·55* |

HOURLY MEANS OF PRESSURE, TEMPERATURE, RELATIVE HUMIDITY, AND WIND

## FALMOUTH.

| 1908. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pressure ... ... ... ... | 9·853 | 9·847 | 9·844 | 9·838 | 9·835 | 9·834 | 9·837 | 9·840 | 9·848 | 9·851 | 9·857 | 9·857 |
| „ Mean, 1871–1905 ... | *9·770* | *9·765* | *9·760* | *9·755* | *9·751* | *9·750* | *9·754* | *9·758* | *9·766* | *9·770* | *9·775* | *9·776* |
| Temperature, Dry Bulb ... ... | 49·9 | 49·8 | 49·6 | 49·5 | 49·4 | 49·4 | 49·5 | 50·2 | 50·9 | 52·0 | 52·8 | 53·6 |
| „ „ Mean, 1871–1905 | *49·2* | *49·1* | *48·9* | *48·8* | *48·7* | *48·7* | *48·8* | *49·6* | *50·4* | *51·5* | *52·3* | *53·2* |
| Relative Humidity ... ... | 86·7 | 86·9 | 87·1 | 87·3 | 87·6 | 87·7 | 87·6 | 86·5 | 84·6 | 82·6 | 80·6 | 79·2 |
| „ Mean, 1886–1905 | *86·5* | *86·7* | *86·9* | *87·1* | *87·1* | *87·3* | *86·8* | *85·5* | *83·4* | *80·9* | *79·0* | *77·4* |
| Wind Velocity ... ... ... | — | 8·0 | 7·9 | 7·8 | 7·8 | 7·6 | 7·7 | 7·9 | 8·6 | 9·0 | 9·5 | 10·0 |
| „ „ Mean, 1881–1905... | — | *9·0* | *9·1* | *9·0* | *8·9* | *8·9* | *8·9* | *9·3* | *9·9* | *10·6* | *11·2* | *12·1* |
| Rainfall (Yearly Total)... ... | — | 2·14 | 2·15 | 2·22 | 1·98 | 1·98 | 1·91 | 2·14 | 1·97 | 1·75 | 1·61 | 0·74 |
| „ (Mean Yearly Total, 1871–1905). | — | *2·001* | *2·066* | *2·235* | *2·125* | *1·994* | *2·095* | *1·991* | *2·094* | *1·964* | *1·935* | *1·595* |
| Sunshine (Yearly Amount) ... | — | — | — | — | 0·30 | 22·90 | 53·90 | 77·90 | 105·50 | 146·00 | 160·10 | 165·90 |
| „ (Mean Yearly Amount, 1881–1905). | — | — | — | — | *0·31* | *18·66* | *51·88* | *83·47* | *116·44* | *148·18* | *164·55* | *171·58* |

## KEW.

| 1908. | 0. | 1. | 2. | 3. | 4. | 5. | 6. | 7 | 8 | 9. | 10. | 11. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pressure ... ... ... ... | 9·992 | 9·988 | 9·986 | 9·982 | 9·981 | 9·982 | 9·985 | 9·989 | 9·994 | 9·996 | 9·997 | 9·995 |
| „ Mean, 1871–1905 ... | *9·934* | *9·930* | *9·927* | *9·922* | *9·920* | *9·921* | *9·924* | *9·929* | *9·934* | *9·937* | *9·938* | *9·936* |
| Temperature, Dry Bulb ... ... | 47·3 | 46·9 | 46·5 | 46·2 | 45·9 | 46·0 | 46·2 | 47·0 | 48·1 | 49·7 | 51·0 | 52·7 |
| „ „ Mean, 1871–1905 | *46·6* | *46·2* | *45·7* | *45·4* | *45·1* | *45·1* | *45·4* | *46·4* | *47·5* | *49·1* | *50·5* | *52·1* |
| Relative Humidity ... ... | 85·8 | 85·9 | 86·8 | 86·9 | 87·6 | 87·1 | 86·9 | 84·9 | 83·1 | 79·8 | 77·4 | 73·9 |
| „ Mean, 1886–1905 | *86·2* | *86·6* | *87·6* | *87·9* | *88·4* | *88·0* | *87·7* | *85·7* | *83·3* | *79·8* | *76·7* | *73·1* |
| Wind Velocity ... ... ... | — | 5·9 | 5·8 | 5·9 | 5·8 | 5·9 | 6·1 | 6·6 | 7·4 | 8·1 | 8·7 | 9·1 |
| „ „ Mean, 1881–1905... | — | *5·7* | *5·7* | *5·6* | *5·6* | *5·6* | *6·0* | *6·5* | *7·2* | *8·1* | *8·7* | *9·8* |
| Rainfall (Yearly Total) ... ... | — | 0·81 | 1·24 | 0·91 | 0·72 | 1·30 | 0·91 | 0·74 | 0·89 | 0·78 | 0·64 | 0·67 |
| „ (Mean Yearly Total, 1871–1905). | — | *0·963* | *0·977* | *0·982* | *0·961* | *1·023* | *0·980* | *0·972* | *0·939* | *0·944* | *1·061* | *0·859* |
| Sunshine (Yearly Amount) ... | — | — | — | — | 0·30 | 12·80 | 44·70 | 71·40 | 100·20 | 127·60 | 135·30 | 146·40 |
| „ (Mean Yearly Amount, 1881–1905). | — | — | — | — | *0·16* | *13·15* | *43·12* | *68·16* | *93·04* | *117·89* | *139·50* | *148·65* |

* Amounts of snow or rain which cannot be distributed among the actual hours of fall are omitted from the hourly columns, but are included in the yearly total. In preparing the long-period means, however, an approximate allocation of such falls to their proper hours has been made.



VELOCITY, AND HOURLY TOTALS OF RAINFALL AND SUNSHINE, FOR THE YEAR.

## FALMOUTH.

| Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9·854 | 9·847 | 9·843 | 9·839 | 9·838 | 9·838 | 9·843 | 9·846 | 9·852 | 9·855 | 9·857 | 9·856 | 9·855 | 9·846 |
| *9·773* | *9·768* | *9·764* | *9·760* | *9·760* | *9·760* | *9·764* | *9·767* | *9·771* | *9·774* | *9·775* | *9·773* | *9·770* | *9·765* |
| 54·0 | 54·5 | 54·4 | 54·4 | 53·9 | 53·4 | 52·6 | 51·9 | 51·1 | 50·7 | 50·3 | 50·1 | 49·9 | 51·6 |
| *53·5* | *53·9* | *53·8* | *53·7* | *53·1* | *52·6* | *51·8* | *51·1* | *50·4* | *49·9* | *49·6* | *49·4* | *49·2* | *50·9* |
| 78·0 | 77·0 | 76·8 | 77·1 | 77·5 | 79·0 | 80·4 | 82·3 | 84·1 | 85·3 | 86·1 | 86·3 | 86·7 | 83·1 |
| *76·3* | *75·8* | *75·6* | *76·1* | *76·9* | *78·2* | *79·8* | *82·0* | *83·9* | *85·2* | *85·8* | *86·2* | *86·5* | *82·3* |
| 10·4 | 10·6 | 10·7 | 10·5 | 10·3 | 9·7 | 9·1 | 8·6 | 8·4 | 8·3 | 8·1 | 8·0 | 8·0 | 8·9 |
| *12·2* | *12·4* | *12·3* | *12·1* | *11·7* | *11·1* | *10·5* | *9·8* | *9·4* | *9·2* | *9·1* | *9·0* | *9·0* | *10·2* |
| 0·76 | 0·96 | 1·04 | 1·64 | 1·08 | 1·05 | 1·23 | 1·34 | 1·52 | 1·69 | 1·55 | 1·37 | 1·77 | 37·59* |
| *1·761* | *1·730* | *1·821* | *1·752* | *1·733* | *1·818* | *1·848* | *1·814* | *1·804* | *1·824* | *1·877* | *1·869* | *1·964* | *45·711* |
| 176·30 | 176·60 | 173·00 | 167·40 | 129·60 | 98·30 | 62·00 | 27·55 | 0·40 | — | — | — | — | 1743·65 |
| *171·60* | *172·27* | *167·04* | *153·74* | *127·84* | *98·67* | *65·12* | *24·12* | *0·42* | — | — | — | — | *1735·88* |

## KEW.

| Noon. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | Midt. | Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9·987 | 9·979 | 9·972 | 9·969 | 9·967 | 9·968 | 9·973 | 9·979 | 9·987 | 9·992 | 9·996 | 9·995 | 9·994 | 9·985 |
| *9·930* | *9·923* | *9·917* | *9·914* | *9·913* | *9·914* | *9·919* | *9·924* | *9·930* | *9·934* | *9·936* | *9·936* | *9·934* | *9·927* |
| 53·7 | 54·8 | 55·1 | 55·3 | 54·9 | 54·2 | 53·1 | 51·8 | 50·3 | 49·4 | 48·6 | 48·0 | 47·4 | 50·1 |
| *53·1* | *54·0* | *54·4* | *54·5* | *54·0* | *53·3* | *52·2* | *51·0* | *49·6* | *48·7* | *47·8* | *47·2* | *46·6* | *49·3* |
| 71·9 | 69·8 | 69·1 | 69·4 | 70·0 | 71·7 | 74·3 | 77·2 | 80·4 | 82·1 | 83·8 | 84·5 | 85·8 | 79·6 |
| *70·8* | *68·9* | *67·9* | *67·9* | *69·0* | *70·8* | *73·5* | *76·4* | *79·7* | *81·7* | *83·7* | *84·8* | *86·1* | *79·4* |
| 9·6 | 9·9 | 9·9 | 9·7 | 9·2 | 8·7 | 8·2 | 7·3 | 6·9 | 6·8 | 6·5 | 6·2 | 6·0 | 7·5 |
| *9·9* | *10·0* | *10·0* | *9·7* | *9·2* | *8·7* | *8·1* | *7·4* | *6·9* | *6·6* | *6·3* | *6·0* | *5·8* | *7·5* |
| 0·49 | 0·84 | 0·73 | 1·30 | 0·85 | 1·08 | 0·74 | 1·13 | 1·28 | 0·53 | 1·06 | 0·77 | 0·92 | 22·23* |
| *0·997* | *1·114* | *1·051* | *1·187* | *1·147* | *1·151* | *1·041* | *1·009* | *1·012* | *1·008* | *0·935* | *0·916* | *0·918* | *24·085* |
| 152·60 | 155·80 | 149·70 | 138·00 | 115·00 | 93·10 | 66·30 | 32·70 | 2·10 | — | — | — | — | 1544·00 |
| *150·13* | *150·53* | *145·59* | *128·49* | *102·70* | *79·02* | *52·60* | *23·69* | *1·46* | — | — | — | — | *1457·87* |

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